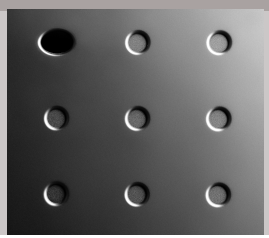
Operating Manual.



▪ RC1

Accessories.

233-30720.020

Television HomeMultiMedia DVD/Video Audio Telecommunications

LOEWE.

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Welcome

Dear customer!

We congratulate you on the purchase of this high quality Loewe product. For many years Loewe has stood for innovative design, excellent quality and functionality. To ensure that your product also retains these properties for as long as possible, please observe the operating and safety instructions in this manual.

The RC1 is a bidirectional infrared/radio remote control. Bidirectional means data exchange "in two directions", not only from the remote control to the device but also from the device to the remote control. In this way, the RC1 is regularly informed what is currently playing and can adapt accordingly to the operating situation.

This has many advantages: The RC1 "knows" which devices you have connected and only shows you the functions which you can theoretically use. It "recognises" the loaded CD and shows you the name, performer and track for example and switches automatically to the device which is currently playing. This makes the RC1 extremely comfortable to use despite the very wide range of functions it has.

Most of the devices are operated by infrared signals but the RC1 can do more than that. It has an integrated radio transmitter with which you can control the functions of the Loewe Wireless Home Automation directly. Wireless-Home-Automation enables operation of lights, blinds etc. from your armchair and any other place in the house.

The RC1 is highly-compatible. It operates almost all Loewe appliances of past and present generations and has an integrated infrared database for operating devices of other manufacturers. This makes the RC1 a useful addition to your existing audio/video components and a central operating unit in your multimedia household.

For your safety

The operating and safety instructions in this manual are restricted to the scope of functions of the Loewe RC1. This means it only describes how you call a certain function with the RC1 but not what this function does in the appropriate unit and what consequences this could have.

! The RC1 manual refers with the ↗ symbol to the operating manuals of other devices. Please also observe the safety instructions of the respective manufacturer and device.

For your own safety and to avoid unnecessary damage to your device, protect it against:

- dripping or splashing water and moisture
- cold, heat and strong fluctuations in temperature
- shock and mechanical stress
- excessive exposure to direct sunlight, naked flames and candles
- being opened and interfered with

Your device has been designed exclusively for use in a domestic environment. The warranty only covers this normal use.

Cleaning
Only clean the RC1 with a slightly damp, soft cloth. Be particularly careful with the surface of the display. Never use aggressive or abrasive cleaning agents.

Signal transmission

Infrared
Infrared signals required a free transmission path between the transmitter and the receiver. This applies particularly for bidirectional data transmission between RC1 and Loewe Certos. Therefore make sure the path between your equipment and your sitting position is as clear as possible.

Artificial light sources at a short distance up to about 1 m away from the device may impair the reception of the infrared signals of your remote control. Place the light source further away if there is any interference.

Radio
The integrated radio transmitter of the RC1 may be operated in all EU and EFTA states. It corresponds to class 1 according to decree 2000/299/EC.

Radio transmission takes place on a non-exclusively available transmission path, therefore interference cannot be totally ruled out.

! Radio transmission is unsuitable for safety applications, e.g. emergency switch, emergency call, emergency power supplies etc.

This radio system can only be connected to other communications networks within the scope of national legislation.

This radio system may not be used for communication over property borders.

The range oftransmission of the radio transmitter depends on the building conditions at the operation site. Wood, plaster and plasterboard are penetrated with a signal loss of only about 10%, brickwork and hardboard with 30% and metal with already about 90% loss.

CE The CE mark is a free traffic sign aimed exclusively at the authorities. It confirms that the relevant conformity regulations are satisfied.

Instructions for easy handling:

Notes

This manual can be used as a reference. Always consult it when you have any specific questions about operating your RC1.

Restrict your reading to what is absolutely necessary: Have a look at the table of contents so that you can find what you are looking for quickly in future.

Read the introductory pages and explanations until you have gained a basic impression of the RC1 menus and the symbols used in this manual. (Keep the device close by to do this.)

Then have a look at some of the menu overviews to be able to find your way around easily in future. Then put the manual to one side and try out the RC1. Have fun using your new remote control!

About the manual

The following symbols guide you through operation of the RC1:

↗ The angled arrow points to detailed information in the operating manual of the respective device.

→ The horizontal arrow refers to the heading of the further chapter.

(Status) Words in brackets indicate menu values. In this case current settings (Stereo, 5-channel, etc.) are displayed in the "Status" line.

Fig. 1-3 Indicates menus consisting of several pages on account of their size. These menus are represented by overlapping circles on the overview pages of this manual.

Indicates the "Back key" above the display. Use this to either move back one menu level (short keypress) or change directly between operating the TV set and the device last operated (long keypress).

About the display

Symbols are also used in the menus of the RC1 to support the plain text of the display:

Adjust The underscore indicates that there is a new RC1 menu behind this entry. In this case the "Adjust" menu.

(The entries on the first page of the main menu are an exception. They are not underscored for visual reasons although they lead to a lower menu level.)

If there are more entries for a device than can be displayed on a display page, you will find the symbol for "scroll" at the bottom right.

About the equipment

The RC1 offers operating facilities for different equipment versions of the Loewe program. It may therefore be that some functions do not apply (or do not yet apply) to your equipment. The special equipment of our TV sets includes:

PIP function: Enables display of an additional small picture in a corner of the screen.

Motor Unit: Remote controllable electric motor for rotating the TV set. Available as an accessory for most stands and racks.

Online module: Enables Internet applications via the TV screen.

Home Automation: Controls lamps, blinds etc. either via your TV set or the RC1.

About compatibility

In principle the RC1 operates all audio/video equipment made by Loewe and many components of other manufacturers. But there are restrictions:

When operating older Loewe equipment there may be occasional misinterpretations of the infrared commands so that not all functions might be executed. The RC1 harmonises optimally with software version Q2500.

It basically applies that: The older the device to be operated, the greater the differences in processing of the infrared commands.

When operating devices of other manufacturers, the whole scope of functions is frequently not transmitted. It may also be that individual devices are not listed in the database.

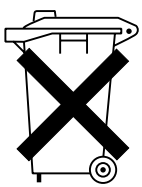
First steps

Inserting the batteries

Press the "OPEN" catch on the back of the remote control and turn the battery compartment cover in the direction of the arrow. The catch does not turn with it. The cover springs up slightly.

Only use new batteries of the alkaline manganese type LR6 (AA), never mix used and new batteries. Make sure you insert them the right way round.

Place the cover at a slight angle on its guide and turn it in the opposite direction to the arrow until the "OPEN" catch snaps in place.



Remove the used batteries immediately from the remote control, collect them and hand them in to your dealer. Used batteries can leak and cause considerable damage to your device and the environment.

Activating the display

Basically there are two ways of activating the display:

1. The RC1 has a sensor which detects movement of the device. Just pick up the RC1 to activate this switch.
2. The menu selection buttons, the "i" and the "Back" button (see: TV/Buttons) switch the display on first before they activate a function. Press one of these buttons to activate the display.

Selecting the language

After inserting the batteries, the menu "Adjust - Select language" (see illustration) appears in the display.

You select the menu language of the RC1 at this point.

1. Scroll with the menu selection buttons next to "List up/down" until you see the entry of your language on the left menu page.
2. Press the menu select button next to your language.
3. Confirm with "Store".

The menu language is now set and the RC1 shows the main menu in the selected language. After changing the batteries the RC1 always starts with the language last confirmed by "Store".

The RC1 has a permanent memory in which basic system settings (language, audio system, etc.) are stored. These settings are retained after changing the batteries.

Main menu

The main menu serves as a starting point for operating all devices. On the left hand side of the menu you get direct access to the functions of the TV set, to the additional module HomeMultiMedia and to the Wireless Home Automation. On the right hand side of the display, you get access to two groups of devices. In the "Audio" group you will find components which concentrate mainly on the playback of audio signals (CD player, FM-Radio etc.). The "Video" groups contains devices for processing picture signals (DVD, VCR, etc.). By turning over you go to the second page of the main menu. Here you will find a few frequently used functions (Fig. 2). In the "Adjustments" menu you adapt your RC1 (and the devices to be operated) to your own requirements. Under "New devices" you go to the operation of components made by other manufacturers.

You can operate the TV set with the direct function buttons while the main menu appears on the display.

TV
Changes to the TV menu. Switches on the TV from standby.
(→ TV: Functions, Fig. 1)

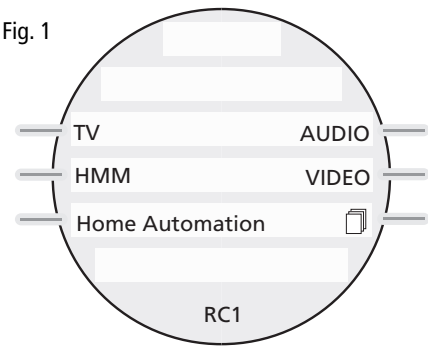
HMM
Changes to the HomeMultiMedia menu.
HMM is started.
(→ HMM: Functions, Fig. 1)

Home Automation
Changes to the Home Automation menu.
(→ Home Automation functions)

Adjust
Changes to the Adjust menu.
(→ Adjust)

New devices
Changes to the New devices menu.
(→ New devices)

Fig. 1

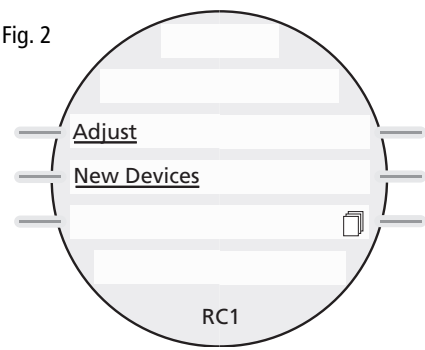


Audio
Changes to the Audio menu, e.g. CD, FM-Radio.
(→ AUDIO menu, Fig. 1)

Video
Changes to the video menu, e.g. DVD, VCR.
(→ VIDEO menu)

Scroll...
Turns over to the next page.
(→ Main menu, Fig. 2)

Fig. 2

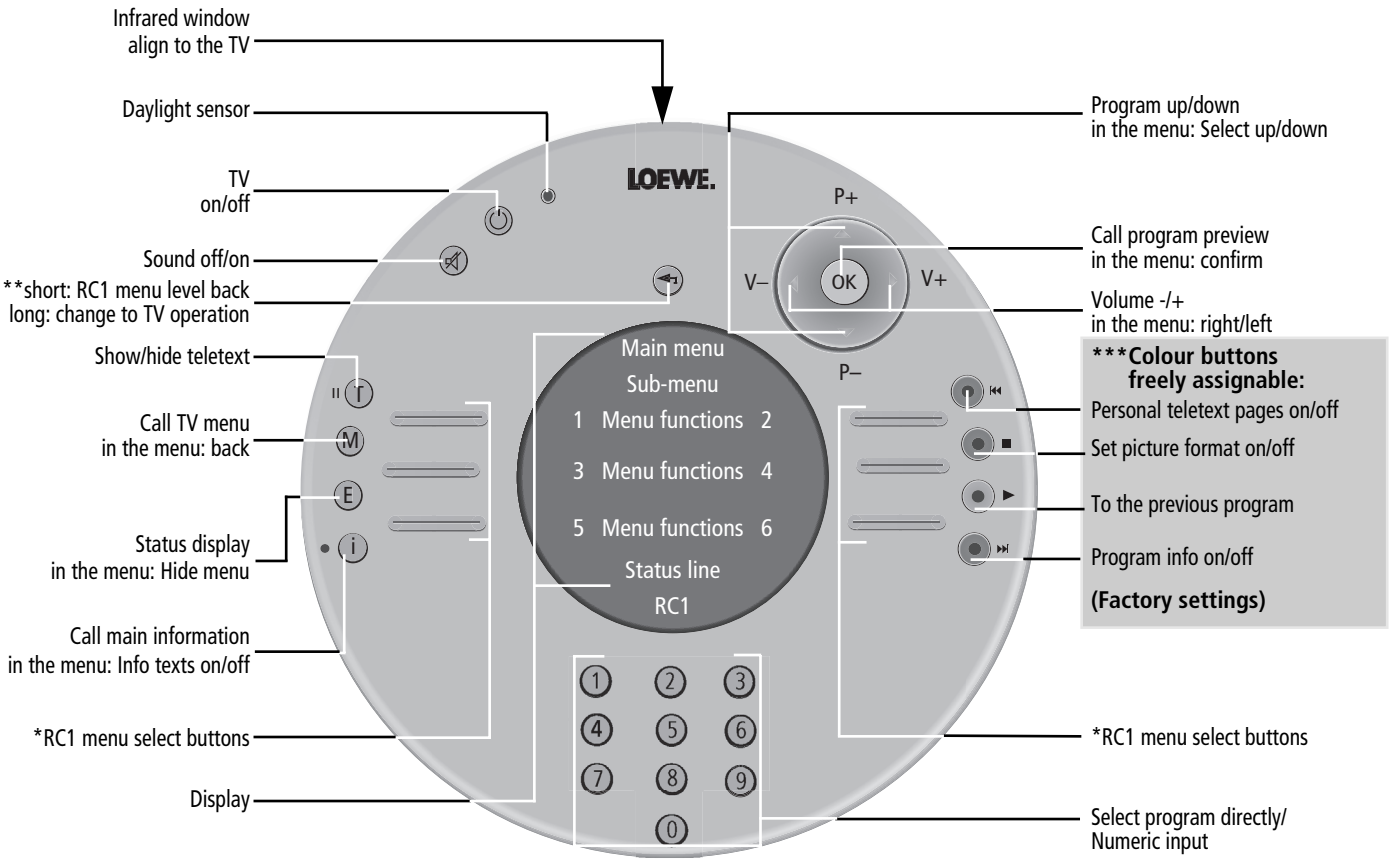


Scroll...
Turns back to the previous page.
(→ Main menu, Fig. 1)

TV

Buttons

There are six menu select buttons* and a button for scrolling back** around the display of the RC1. The function of these buttons depends on the respective display state, i.e. it is variable. The other buttons of the remote control are permanently defined for every device (TV, video etc.) however (direct function buttons) irrespective of the state of the display. Their function is unchangeable. The four coloured buttons*** are an exception. These can be assigned different functions through the TV. (↗ TV)



Overview

Here you get an overview of the TV menus of the RC1 and how to get there. You start from the main menu, select TV and scroll to the second page of the menu, etc. The left margin contains a navigation aid which explains the way to a certain RC1 menu. If a menu consists of more than one page, this is represented by overlapping circles. The Sound select menu can be found by selecting "Sound select" on the second menu page providing you have set the RC1 to Certos mode.

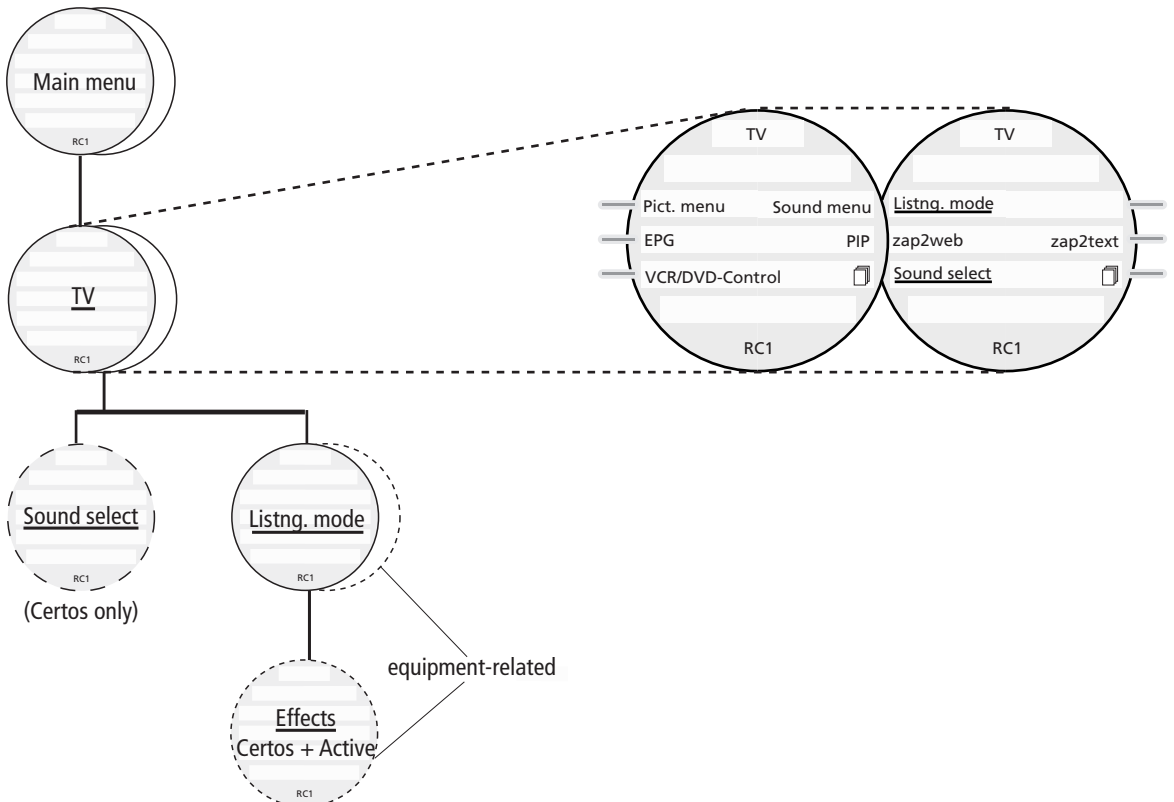
select with:
TV

scroll with:

select with:
Sound select
Listng. mode

select with:
Effects

back with:



Functions

You gain access to the most important functions of your TV set on the first page of the TV menu. In daily use you will therefore rarely have to scroll. You go to the TV menu by selecting the TV entry in the main menu or by keeping the "Back" button pressed for longer. The latter option is comfortable especially when you want to switch from the menu of another device to TV operation.

You will find an overview of the different TV menus on the previous page.

Picture
Opens the picture menu of your TV set.
(↗ TV)

EPG
Switches your TV's electronic program guide on and off.
(↗ TV)

VCR/DVD control
Shows or hides the control bar of your Loewe video recorder or DVD player.
(↗ TV)

Listening Mode
Changes to the audio settings into the Listening mode menu.
(→ Listening mode, Fig. 1)

zap2web
Searches for information about the current program in Internet and shows this as entries in the TV menu "zap2web".
(↗ TV)

Sound select (Certos only)
Leads to a selection of audio sources which can be selected independently of the TV picture.
(→ Sound select)

Fig. 1

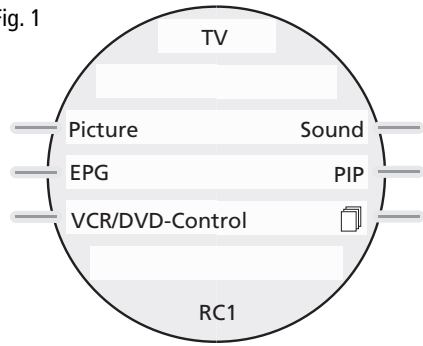
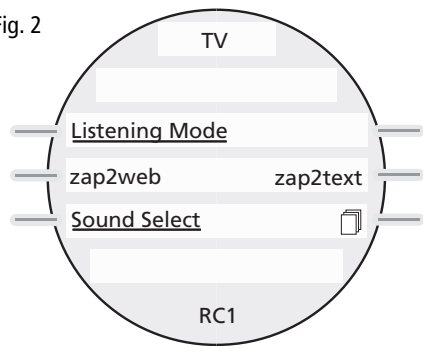


Fig. 2



Sound
Opens the Sound menu of your TV set.
(↗ TV)

PIP
Switches the picture-in-picture (PIP) function of your TV on and off.

Scroll...
Turns over to the next page.
(→ TV: Functions, Fig. 2)

zap2text
Searches for the teletext pages for the current program and shows these as entries in the TV menu "zap2text".
(↗ TV)

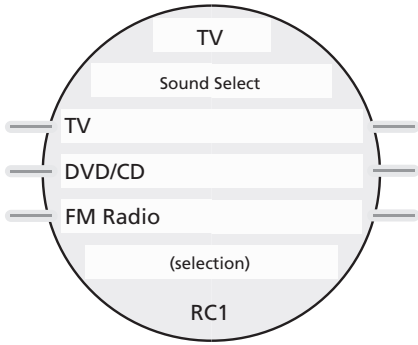
Scroll...
Turns back to the previous page.
(→ TV: Functions, Fig. 1)

Sound select (Certos only)

TV
Switches over the connected audio amplifier of any sound source to TV sound.

DVD/CD
Switches over to DVD or CD sound from any sound source regardless of the selected TV picture.

FM-Radio
Changes from any sound source to FM radio sound.

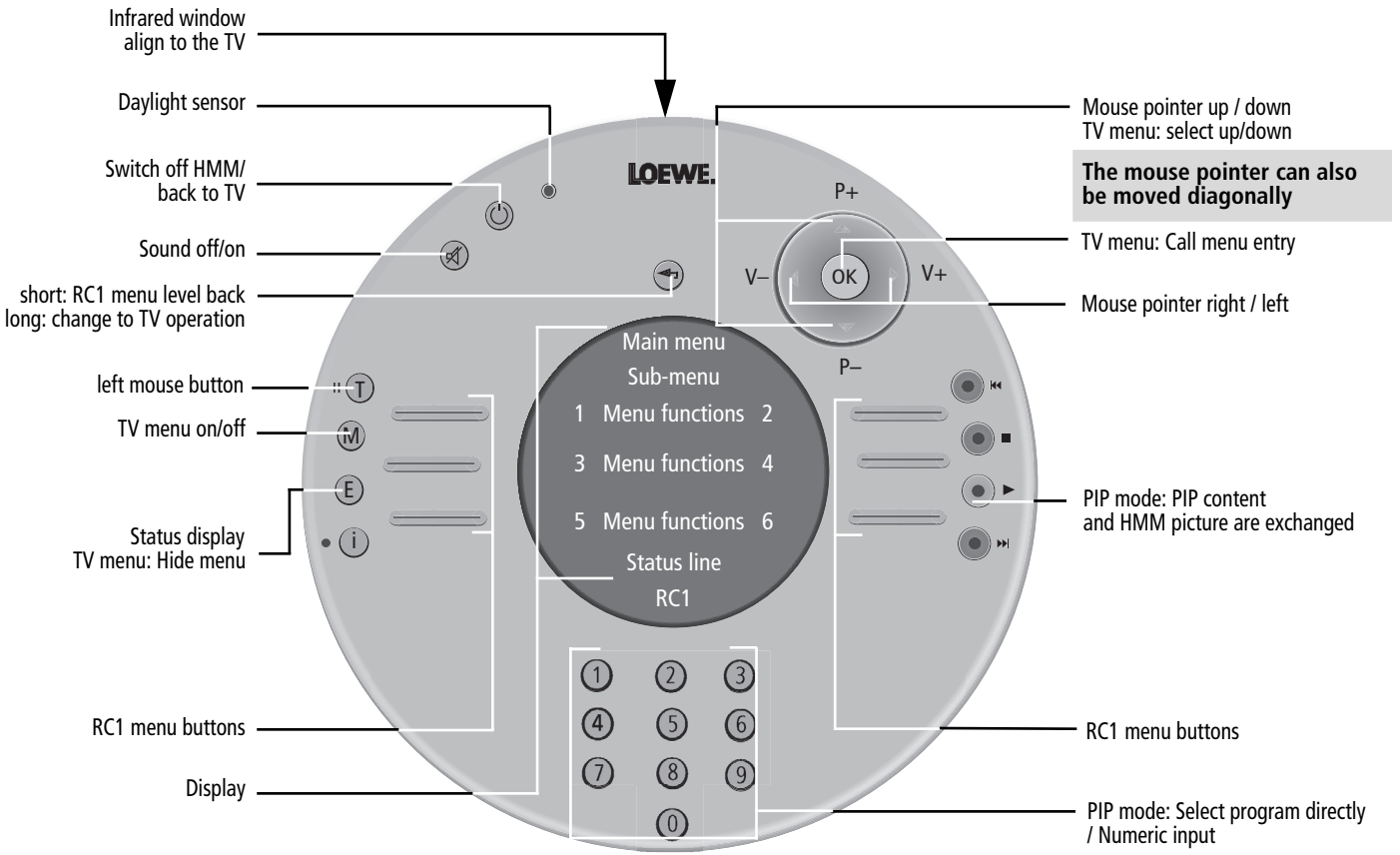


(Selection)
The display of the RC1 shows the sound source selected last at this point.

HMM (TV-Online 2)

Buttons

TVO-2 is the name of a Loewe Online mode which allows you to get into the Internet with your TV and to make use of the range of modern Multi-Media applications. The figure shows the RC1 button functions in HomeMultiMedia mode for the online module TVO-2. Buttons which have no function in the TVO-2 mode are not described for reasons of clarity. If your set has not yet been fitted with an online module, you can have this fitted by your Loewe dealer. (↗ TV-Online)



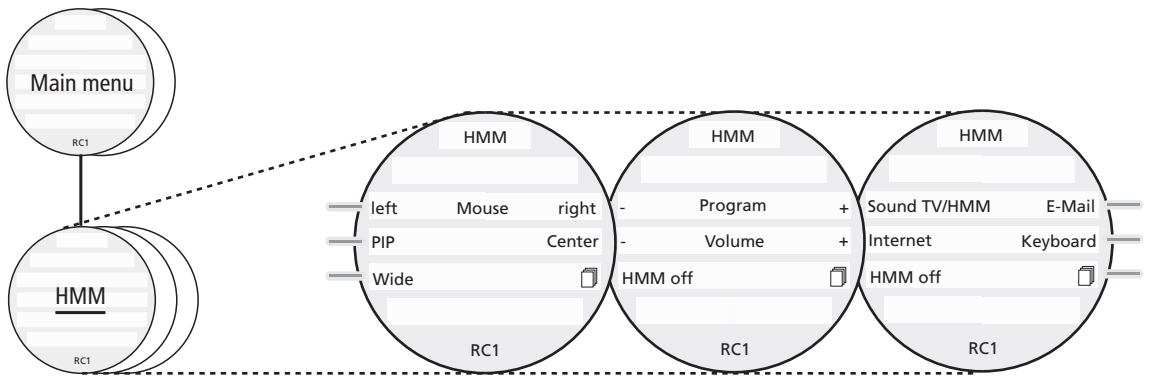
Overview

Here you get an overview of the HMM menus of the RC1 in connection with TVO-2. From the first page of the main menu you go to the first page of the HMM menu. The left page margin contains a navigation aid which explains the way to the RC1 menus. If a menu consists of more than one page, this is shown by overlapping circles.

select with:
HMM

scroll with:

back with:



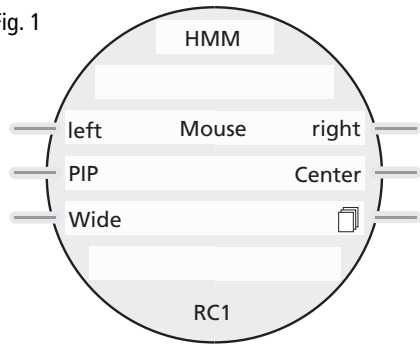
Functions

Mouse left
Works like the left mouse button of your PC or your Loewe Control or Control@Media. (Operation with T button also possible.)

PIP
Switches to the picture-in-picture mode from the wide or center mode. The last selected TV program is displayed.

Wide
Switches from the center or PIP mode to wide mode. The picture fills the screen.

Fig. 1



Mouse right
Works like the right mouse button of your PC or your Loewe Control or Control@Media.

Center
Switches from the PIP or wide display to the center mode.

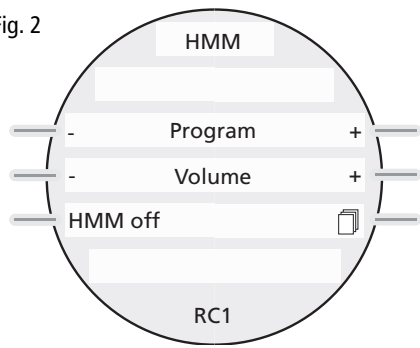
Scroll...
Turns over to the next page.
(→ HMM: Functions, Fig. 2)

Program -
Changes the PIP picture to a lower program position.

Volume -
Reduces the volume of the last selected sound source during HMM mode.

HMM off
Switches the set back from HMM mode to TV mode.

Fig. 2



Program +
Changes the PIP picture to a higher program position.

Volume +
Increases the volume of the last selected sound source during HMM mode.

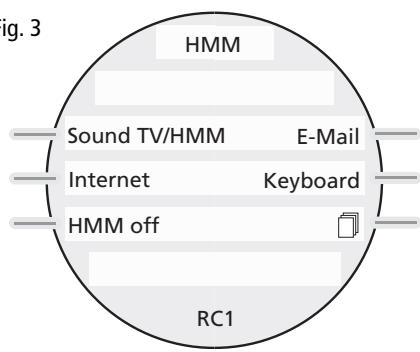
Scroll...
Turns over to the next page.
(→ HMM: Functions, Fig. 3)

Sound TV/HMM
Switches back and forth between HMM sound and TV sound (or the last video sound source) during HMM mode.

Internet
Opens the Internet browser during HMM mode.
(↗ TV)

HMM off
Switches the set back to TV mode from HMM mode.

Fig. 3



E-Mail
Opens the E-Mail program during HMM mode.

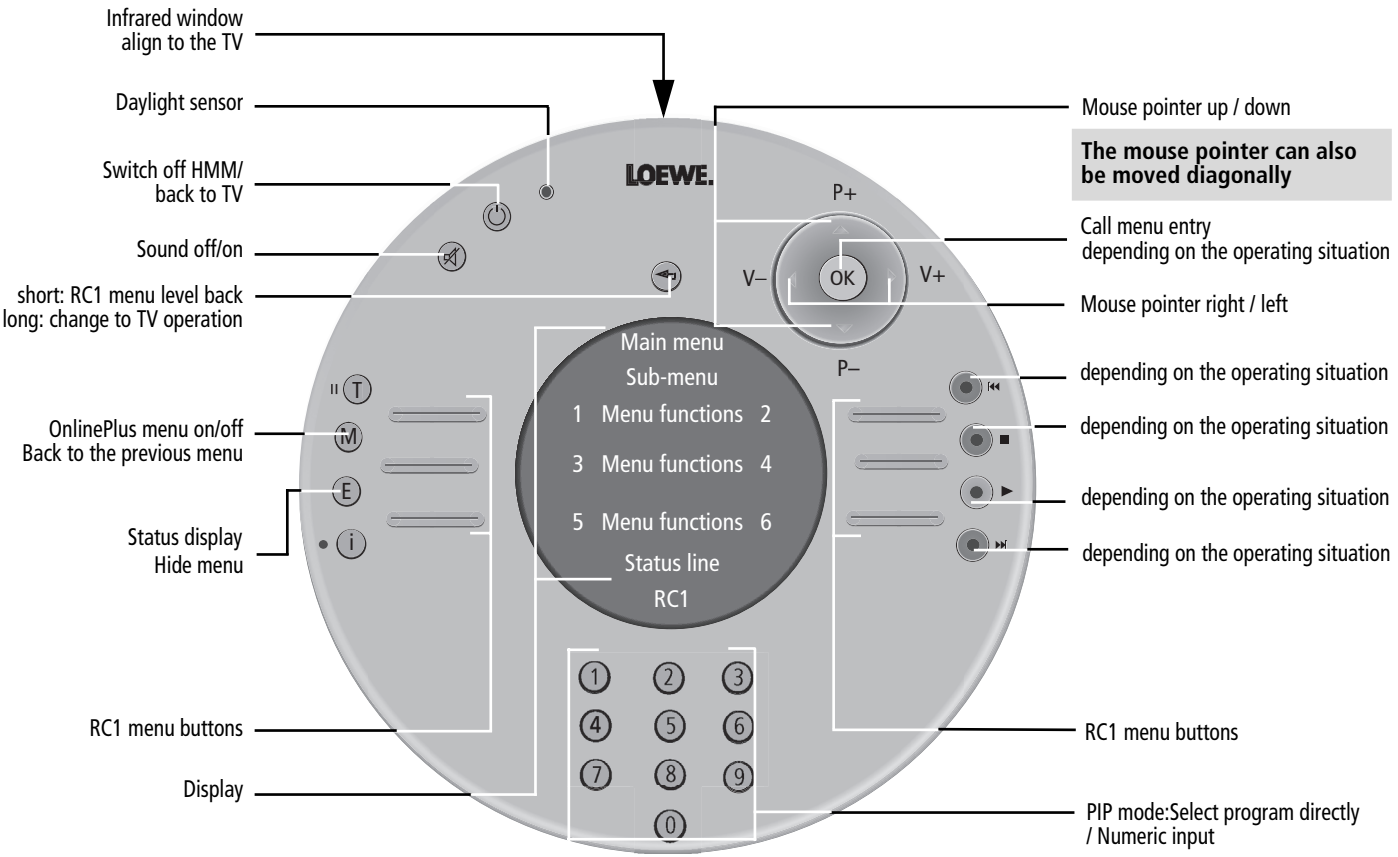
Keyboard
Represents a virtual keyboard on the TV screen. This enables individual letters to be marked and selected with the cursor.

Scroll...
Turns back to the first page.
(→ HMM: Function, Fig. 1)

HMM (OnlinePlus)

Buttons

OnlinePlus is the name of a Loewe Online Module which allows you to get into the Internet with your TV and use the range of modern MultiMedia applications on offer. The figure shows the RC1 button functions in the HomeMultiMedia mode for the OnlinePlus Online Module. Buttons which have no function in the OnlinePlus mode are not described for clarity reasons. If your set is not yet fitted with an Online Module, you can have one retrofitted by your Loewe dealer. (↗ OnlinePlus)



Overview

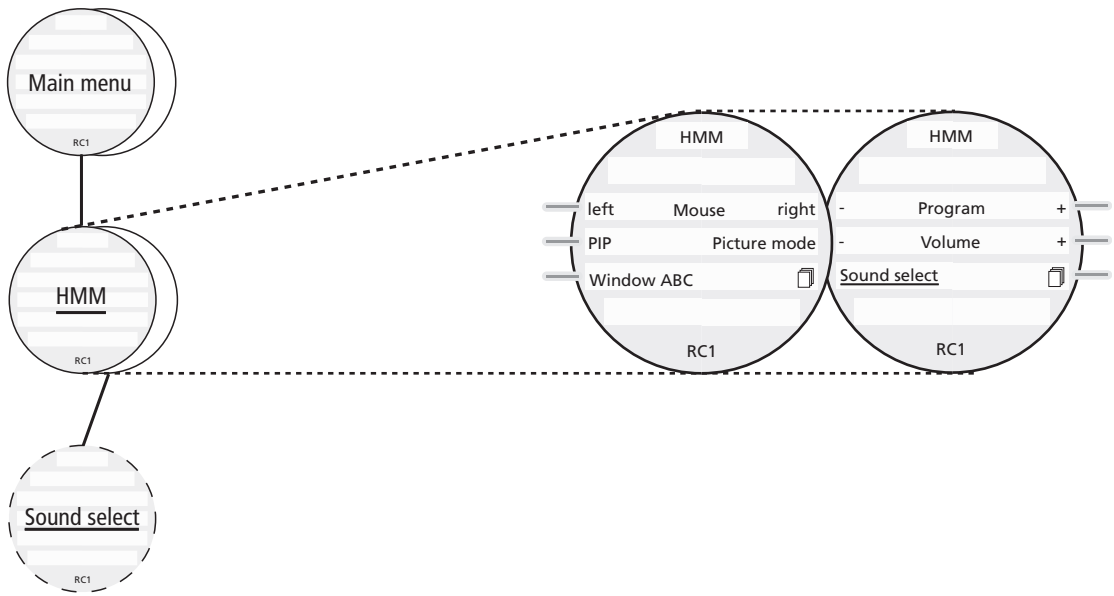
Here you get an overview of the HMM menus of the RC1 in connection with OnlinePlus. From the first page of the main menu you go the first page of the HMM menu. The left page margin contains a navigation aid which shows you the way to the RC1 menu. If a menu consists of more than one page, this is shown by overlapping circles.

select with:
HMM

scroll with:

select with:
Sound select

back with:



(Certos only)

Functions

Mouse left
Works like the left mouse button of your PC or your Loewe Control or Control@Media. (Operation by T button also possible.)

PIP
Switches from wide or center mode to PIP mode. The last selected TV program is displayed.

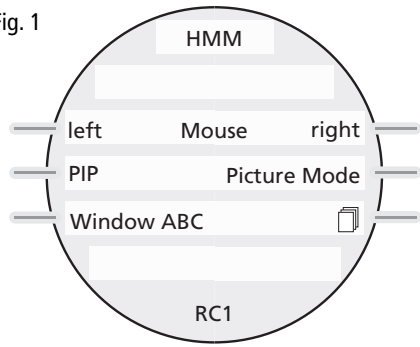
Window ABC
If several (browser) windows are shown simultaneously on the TV screen, you can use this function to move between them.

Program -
Switches the PIP to a lower program position.

Volume -
Reduces the volume of the last selected sound source during HMM mode.

Sound select
Changes to the Sound select menu.

Fig. 1

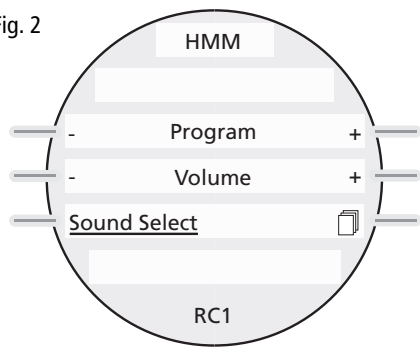


Mouse right
Works like the right mouse button of your PC or your Loewe Control or Control@Media.

Picture mode
Changes between the picture modes "Wide" and "Center".

Scroll...
Turns over to the next page.
(→ HMM: Functions, Fig. 2)

Fig. 2



Program +
Switches the PIP to a higher program position.

Volume +
Increases the volume of the last selected sound source during HMM mode

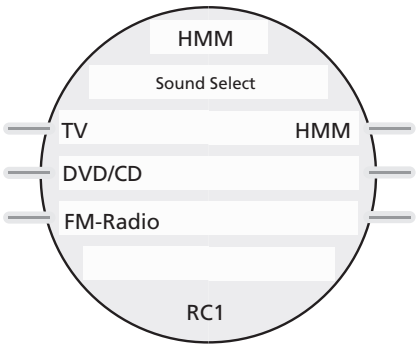
Scroll...
Turns back to the first page.
(→ HMM: Functions, Fig. 1)

Sound select

TV
Switches over to TV sound.

DVD/CD
Switches over to DVD/CD sound.

FM-Radio
Switches over to FM-radio.



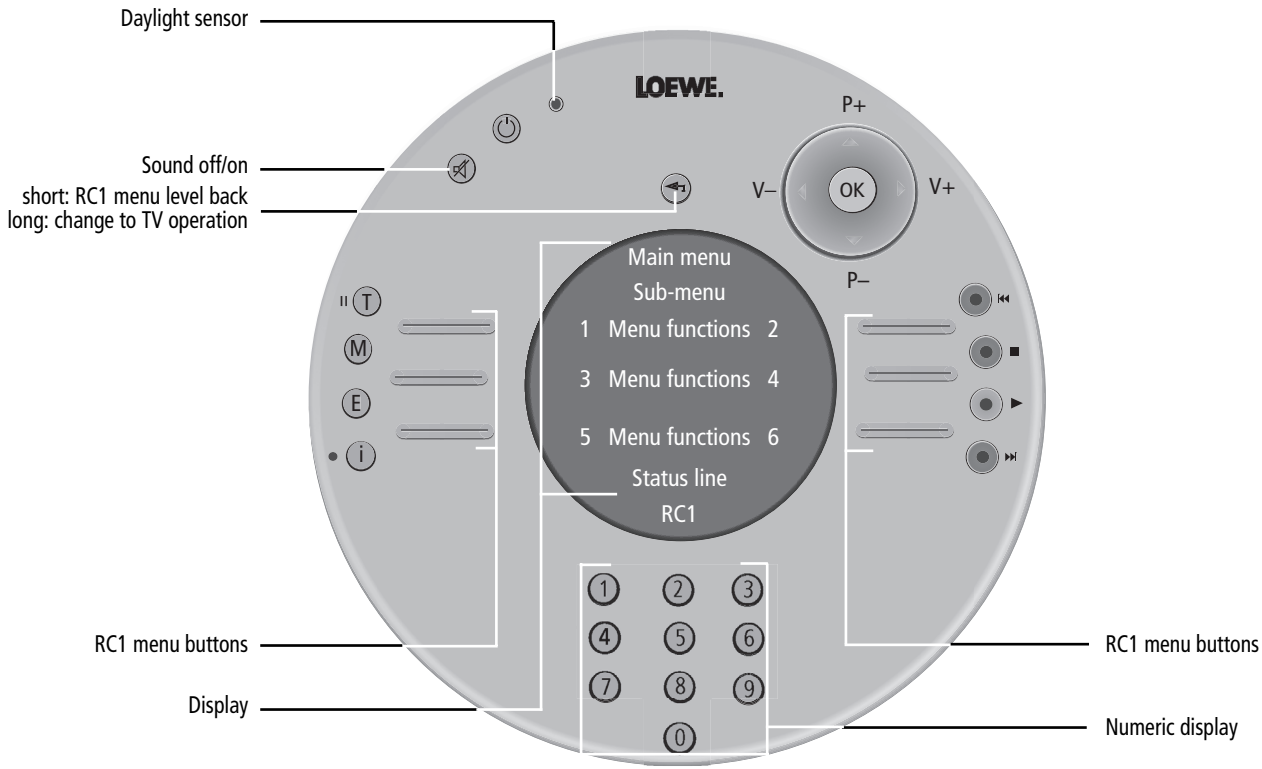
HMM
Switches over to HMM sound.

Home Automation

Buttons

The Loewe Home Automation enables you to switch and operate electrical household appliances (lights, blinds etc.) with your RC1. Ask your Loewe dealer for the appropriate Wireless Home Automation components. You can control radio switches and dimmers directly with the integrated radio transmitter. Buttons which are irrelevant to the Home Automation are not described for clarity reasons. (↗ Home Automation)

You operate the TV with the direct function buttons while the Home Automation menu is shown in the display.



Overview

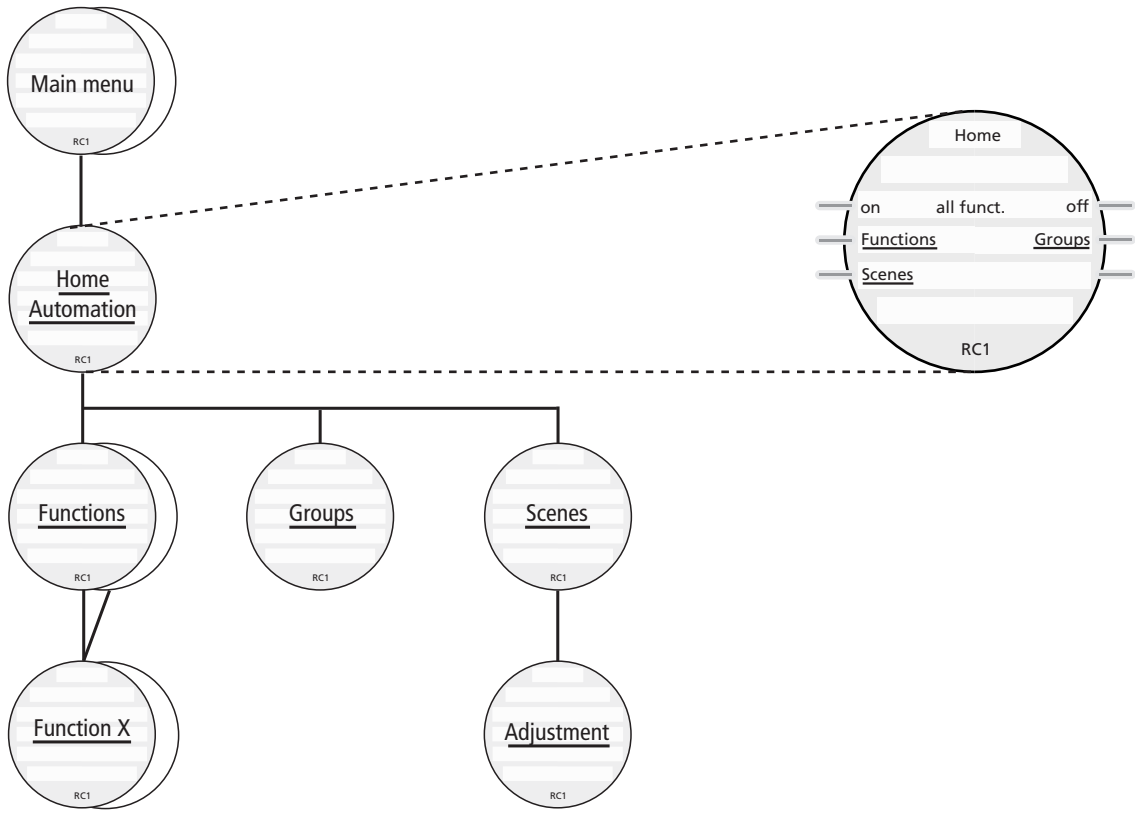
Here you get an overview of the Home Automation menus of the RC1. The navigation aid in the left page margin describes the way from the first page of the main menu to the "Adjust" menu. If a menu consists of more than one page, this is represented by overlapping circles. (↗ Home Automation)

select with:
Home Automation

select with:
Functions
Groups
Scenes

select with:
Adjustment
Function X

back with:



Functions

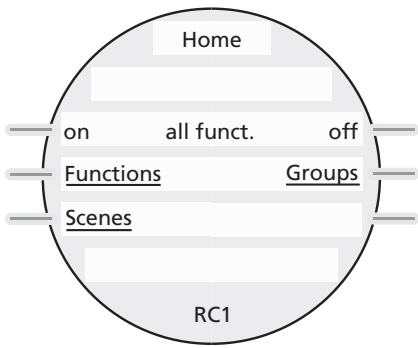
With Loewe Home Automation you operate radio bus systems of the Gira company. A radio bus system consists of one or more transmitters and the different receivers. Switches, dimmers etc. which execute an action on receiving a certain radio signal are referred to below as "actuators". The RC1 distinguishes between functions, groups and scenes. In principle there are three function groups with 8 functions each. The function is lowest level, with it you gain access to one or more actuators. Functions can be combined into scenes.
(↗ Home Automation)

You operate the TV with the direct functions buttons while the Home Automation menu is shown in the display.

all functions on
Switches on all the actuators of your Home Automation, unless they have been excluded from this function. During transmission of the command, the RC1 is locked for about 11 seconds. The display shows "Please wait!".
(↗ Operate Home Automation)

Functions
Leads to a list of actuators of your Home Automation. From there you get to the operating options.
(→ Select functions, Fig. 1)

Scenes
Leads to a list of the scenes of your Home Automation. From there you can change between the scenes and adjust individual scenes.
(→ Scene activation)



all functions off
Switches off all actuators of your Home Automation, unless they have been excluded from this function. During transmission of the command, the RC1 is locked for about 11 seconds. The display shows "Please wait!".
(↗ Operate Home Automation)

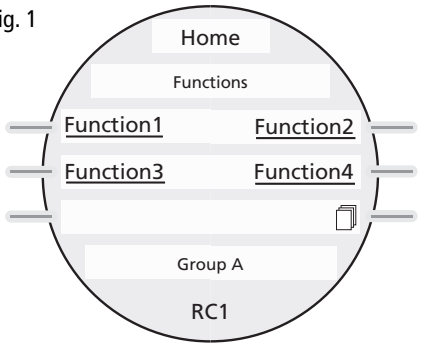
Groups
Leads to a list of groups of your Home Automation. There you can move between the groups.
(→ Select groups)

Select functions

Function 1
Leads to operation of function 1.
(→ Set function X)

Function 3
Leads to operation of function 3.
(→ Set function X)

Fig. 1



Function 2
Leads to operation of function 2.
(→ Set function X)

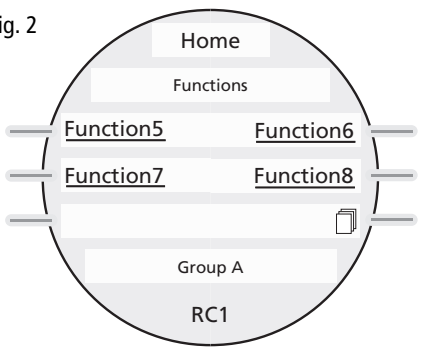
Function 4
Leads to operation of function 4.
(→ Set function X)

Scroll...
Turns over to the next page.
(→ Select functions, Fig. 2)

Function 5
Leads to operation of function 5.
(→ Set function X)

Function 7
Leads to operation of function 7.
(→ Set function X)

Fig. 2



Function 6
Leads to operation of function 6.
(→ Set function X)

Function 8
Leads to operation of function 8.
(→ Set function X)

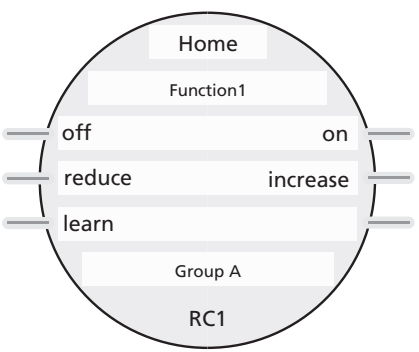
Scroll...
Turns back to the previous page.
(→ Select functions, Fig. 1)

Set function X

off
Switches off the actuators of "Function 1".

reduce
Gradually dims light or closes blinds etc. The function ends as soon as the button is released.

learn
Switch the radio actuator to be taught into the programming mode and keep the button pressed until the actuator confirms the programming. (→ Assign function)



Function1
Displays the selected function.

on
Switches the actuators of function 1 on.

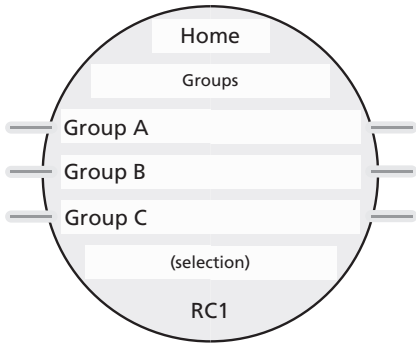
increase
Gradually brightens dimmed light or opens blinds etc. The function ends as soon as the button is released.

Select groups

Group A
Enables operation of the actuators which were previously assigned to group A.

Group B
Enables operation of the actuators which were previously assigned to group B.

Group C
Enables operation of actuators which were previously assigned to group C.



Groups
Shows the name of the currently selected menu.

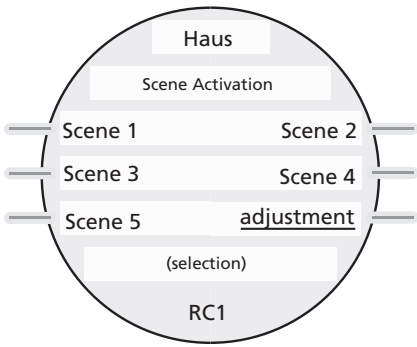
Select
Shows the name of the last selected group.

Scene activation

Scene 1
Activates the functions assigned to scene 1.

Scene 3
Activates the functions assigned to scene 3.

Scene 5
Activates the functions assigned to scene 5.



Scene 2
Activates the functions assigned to scene 2.

Scene 4
Activates the functions assigned to scene 4.

adjustment
Leads to the adjustment possibilities for light scenes. The active, last selected scene is always operated.
(→ Use adjustment)

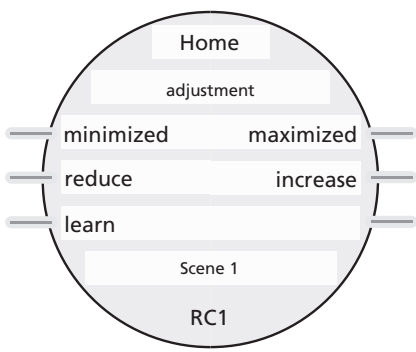
Select
Shows the name of the selected scene.

Use adjustment

minimized
The assigned dimmers and switches are switched off.

Reduce
The assigned dimmers gradually reduce their passage. The light gets darker as long as you press the button.

Learn
Save your new scene here after completing setting the individual actuators.
(→ Assign scene)
(→ Adapt scene)



maximized
The assigned dimmers are set to maximum brightness.

Increase
The assigned dimmers gradually increase their passage. The light gets brighter as long as you keep the button pressed.

Scene 1
Shows the current scene.

Presettings

You have to make a few settings before you can operate the components of your Home Automation via the radio transmitter of the RC1.

Enter system number

Pick up the RC1 and call Configuration>User>Home Automation.

i Orientate yourself using the table of contents and the overview of the chapter. The table of contents shows you the right place in the manual and the overview explains the corresponding way on the RC1.

with existing radio bus system

a) If you are already operating a radio bus system in your household and you know its system number, enter this number. The RC1 then automatically takes over the functions of your existing control elements.

b) If no number is included with your radio bus system, assign your personal system number. It must have five digits and be between 00001 and 64000. The RC1 is prepared as a new control element for the assignment of the functions and scenes in this way.

i The system number is used for unambiguous, trouble-free assignment between a transmitter and the receivers. Only receivers programmed by the transmitter 00001 react to the signal of a transmitter with system number 00001. This avoids your neighbour being able to operate your radio actuators. Change the system number when frequent operating errors occur.

when purchasing individual radio actuators

If you do not have an extensive radio bus system and only want to operate one or more actuators, either assign your personal system number (see "b" in the previous section) or the number enclosed with the RC1 (if available). Then assign the functions and scenes.

for existing Loewe Starter Set Wireless Home Automation

Enter the system number of your Starter Set. The RC1 then automatically takes over the functions of your existing control elements. If you have lost your system number, you can assign a new common number for your TV and for the RC1.

Every radio receiver can be taught into several system numbers and operated by just as many transmitters. To deactivate a system number, delete its programmed functions and scenes.

Note system number

Since every receiver can only store a limited number of system numbers, you should not every programmed number in order to be able to delete it later if necessary:

Transmitter (system)	Number
RC1	
TV-Radio module	

Assign function

Unless you have already done so, first plug the radio adapter into the socket and then the desired consumer into the adapter.

! Please consult the respective operating manual to find out which devices you can use with the respective radio adapter. Please also observe the safety instructions.

Select group

Your Home Automation distinguishes between functions, function groups and scenes. You therefore have to first decide on a group (A, B or C) before you can assign a function.

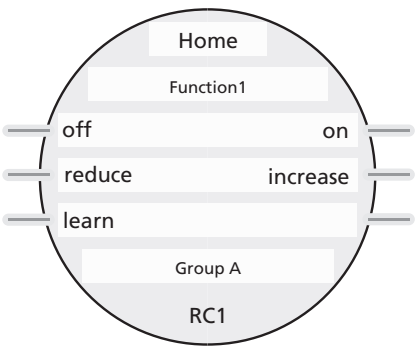
1. Select in Main menu Home Automation>Groups
2. Select a group. Usually group A in the case of less than 8 actuators. The selected group is displayed in the status line.
3. Press the Back button above the RC1 display briefly to return to the Home Automation menu.

Set function X

After selecting the appropriate function group, the RC1 displays the corresponding functions. You now assign these to the radio actuators.

1. First switch off the actuator. Press down the small button on the front of the radio actuator until the built-in red LED flashes. The adapter switches the connected device on and off during programming and changes to the programming mode for approx. 1 minute.

2. Select one of the 8 functions.
   (→ Select functions)



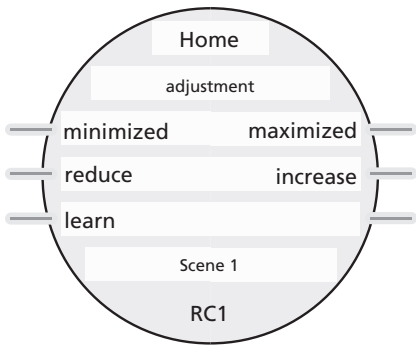
3. Keep the "Learn" menu select button pressed until the actuator confirms the programming either by an acoustic signal or by permanent lighting.
   (→ Set function X)
4. Press the button on the front of the radio adapter to exit the programming mode or wait until the adapter switches back to the operating mode automatically after about 1 minute. The radio adapter is now assigned.

Assign scene

You can bundle several radio actuators in scenes to achieve the desired effect. First assign several actuators to a scene:

Use adjustment

1. Select in the main menu
   Home Automation>Scenes
2. Select a scene.
   (→ Scene activation)
3. Select "Adjustment". The selected scene is displayed in the status line.
4. Switch your radio adapter to the programming mode by keeping the button on the front of the adapter pressed until the built in LED flashes red.



5. Keep the "Learn" menu select button pressed until the actuator confirms the programming either by an acoustic signal or by permanent lighting of the LED.
   (→ Use adjustment)
6. Press the button on the front of the radio adapter to exit the programming mode or wait until the adapter switches back to the operating mode automatically after about 1 minute. The radio adapter is now assigned. (Actuators can be assigned to the scene both simultaneously and consecutively.)

Delete assignment

The assignment of actuators can be undone for functions and scenes by repeating the described assignment steps.

(→ Assign function)

(→ Assign scene)

Adapt scene

Then change the switching states of the assigned actuators to form the respective scene to suit your wishes:

Call scene

1. Select in the main menu
   Home Automation>Scenes
2. Select the scene whose actuators you would like to reset.

Set actuators

3. Select in the main menu:
   Home Automation>Functions
4. Select the function whose actuator/actuators you want to set.
   (→ Select functions)
5. Set the function as it is to appear after calling the scene.
   (→ Set function X)
6. Press the Back button above the display and select another function until you have set all the actuators of the scene to suit your requirements.

Save new setting

7. Select in the main menu:
   Home Automation>Scenes
8. Select "Adjustment".

i Do not call the scene to be changed again because you will undo the adjustments you have made otherwise. The status line shows the previously set scene, a new selection is therefore unnecessary.

9. Keep "Learn" pressed. First the old light scene is called. The new light scene is activated and saved after about 3 seconds.

AUDIO menu (Certos)

CD
Changes to the CD menu and switches the Certos to the CD mode.
(→ CD: Functions, Fig. 1)

FM-Radio
Changes to the FM-Radio menu, switches the Certos to the FM-radio mode and plays the last selected FM radio station.
(→ FM-Radio: Functions, Fig. 1)

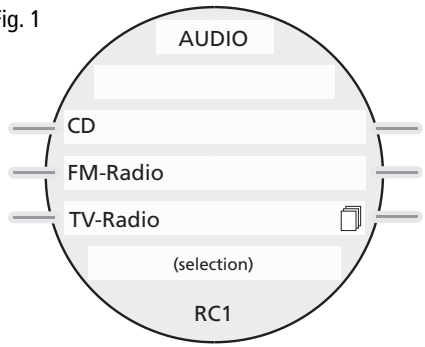
TV-Radio
Changes to the TV-Radio menu, switches the Certos and the TV set into the TV-Radio mode and plays the last selected TV-radio station.
(→ TV-Radio: Functions)

AUX1(A)
Changes to the analog connection AUX 1 and transmits its audio signal. Certos and RC1 show the AUX-1(A) menu.
(→ AUX: Functions, Fig. 1)

AUX2(A)
Changes to the analog connection AUX 2 and transmits its audio signal. Certos and RC1 show the AUX-2(A) menu.
(→ AUX: Functions, Fig. 1)

AUX3(D)
Changes to the digital connection AUX 3 and transmits its audio signal. Certos and RC1 show the AUX-3(D) menu.
(→ AUX: Functions, Fig. 1)

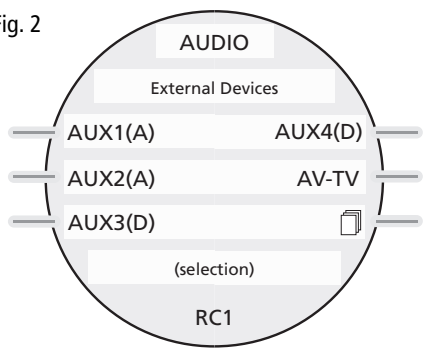
Fig. 1



Scroll...
Turns over to the next page.
(→ AUDIO menu, Fig. 2)

(Status)
Shows the properties of the selected audio signal, e.g. Pop Music, Stereo, 5-channel, etc.

Fig. 2



AUX4(D)
Changes to the digital connection AUX 4 and transmits its audio signal. Certos and RC1 show the AUX-4 (D) menu.
(→ AUX: Functions, Fig. 1)

AV-TV
Changes to the AV-TV menu, switches the Certos to the AV-TV mode and plays the sound of the device connected to the AV-TV socket.
(→ AV-TV: Functions)

Scroll...
Turns back to the previous page.
(→ AUDIO menu, Fig. 1)

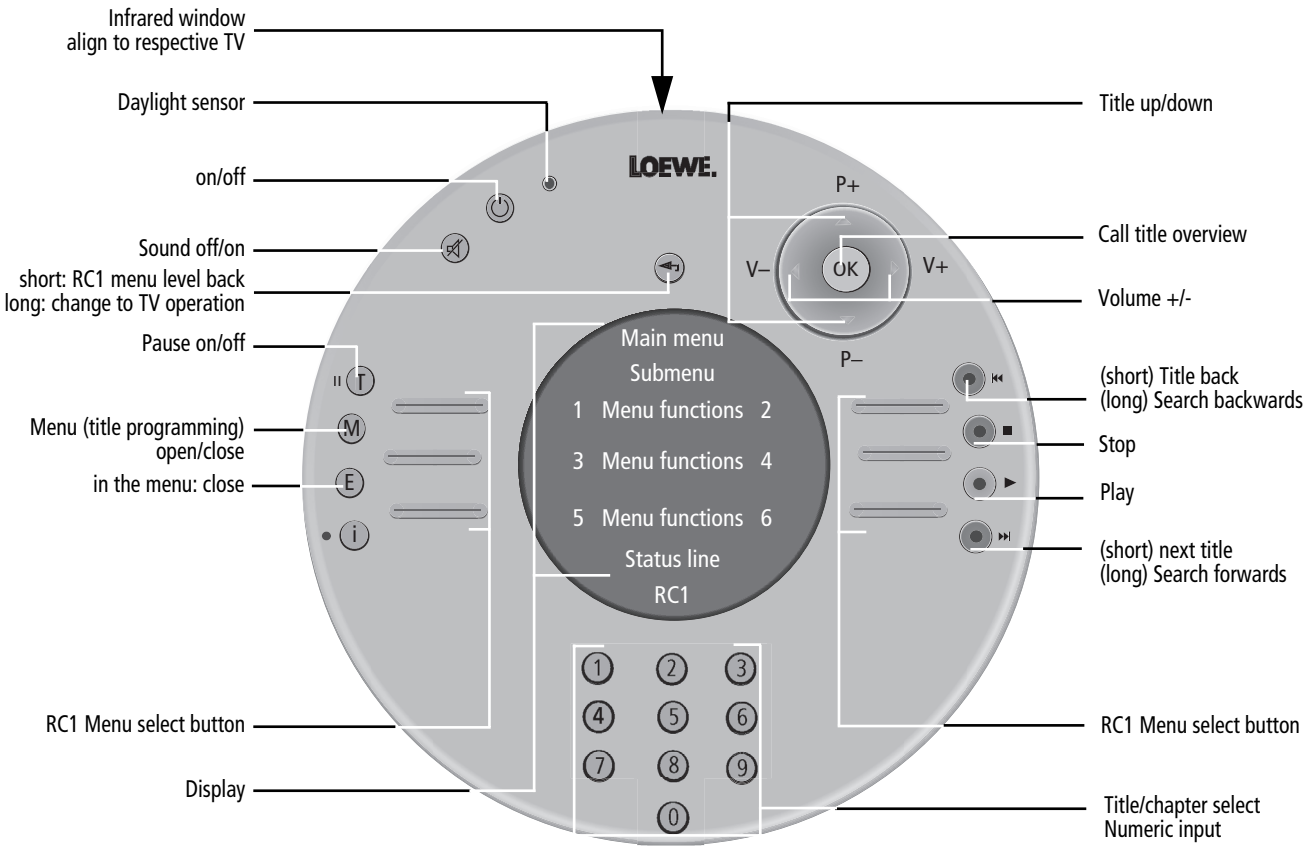
CD (Certos)

Buttons

The Loewe Audio/Video system Certos can play DVDs, audio CDs and MP3s. The direct function buttons (e.g. T-button) and the menu select buttons of the RC1 (see below) have different assignments depending on the inserted sound medium.

The function of the coloured drive function buttons stays practically the same (e.g. playback).

The figure describes the button assignment of the RC1 in operation with the Loewe Audio/Video system Certos. Please see the chapter "Operating the DVD" for notes on how to operate other Loewe CD/DVD players (Xemix, etc.). You will find information about handling devices made by other manufacturers under "Adjustment /New device".



Overview

select with:
Audio

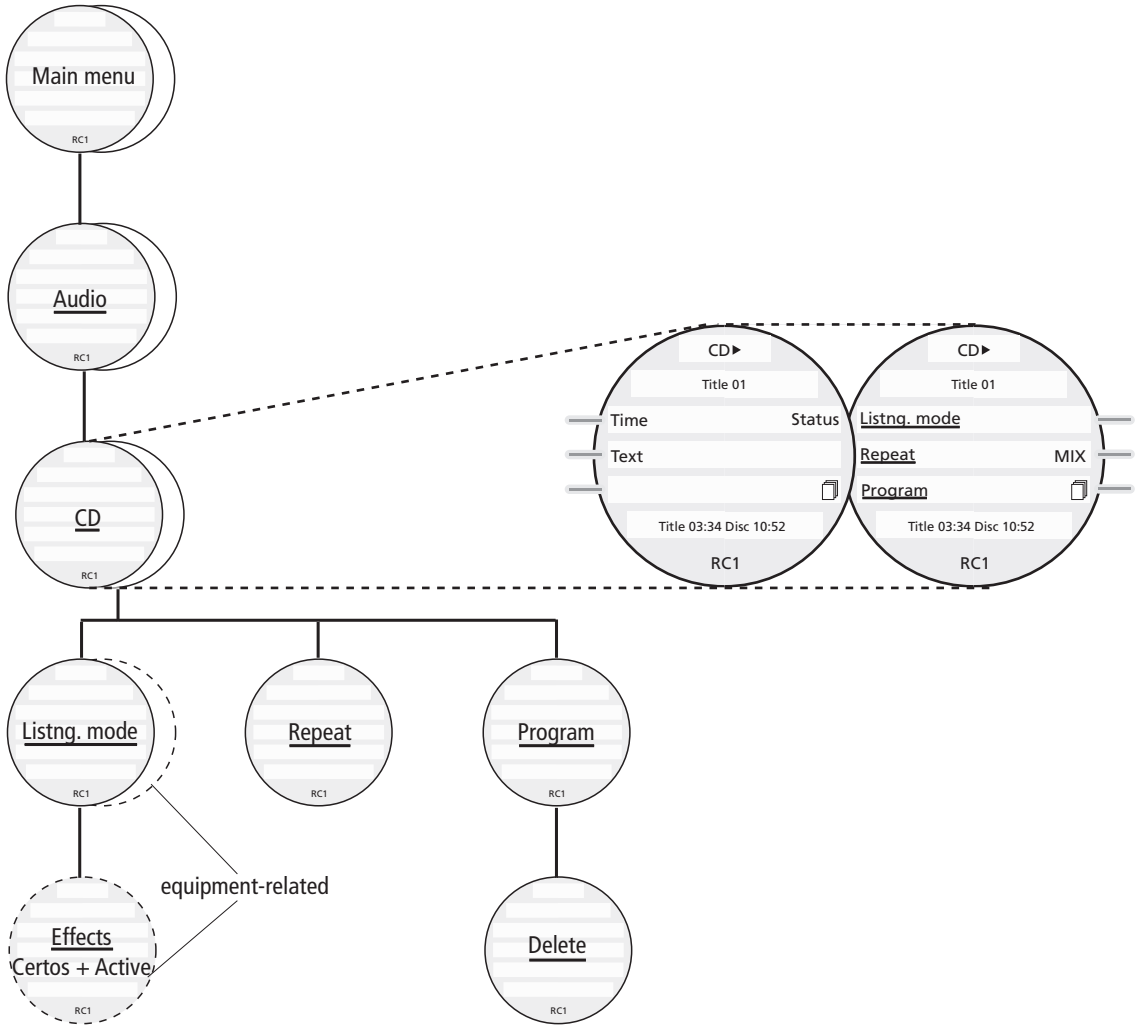
select with:
CD

scroll with:

select with:
Listng. mode
Repeat
Program

select with:
Effects
Delete

back with:



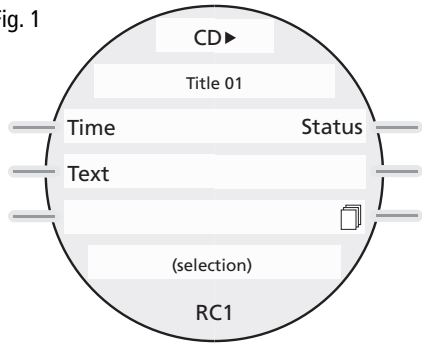
Functions

CD (drive mode)
Shows the selected sound source (CD or MP3) and its current drive mode as a symbol.

Time
Changes the display from "Playing time" via "Remaining time" to "Total playing time".

Text
In the Stop mode: Display album title and performer.
In the Play mode: Name and performer of the track currently playing.

Fig. 1



Status
Shows the properties of the current audio signal, e.g. Stereo, 5 channel, etc.

Scroll...
Turns over to the next page.
(→ CD: Functions, Fig. 2)

(Selection)
Displays time, CD-text information or the properties of the current audio signal.

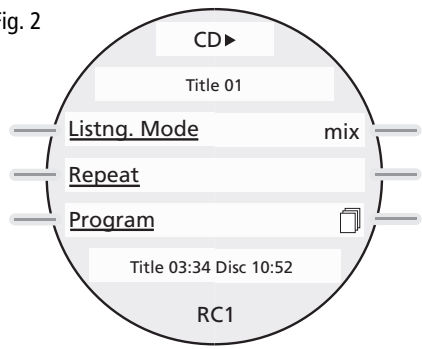
CD (drive mode)
Displays the selected sound source (CD or MP3) and its current drive mode as a symbol.

Listening mode
Changes to the audio settings into the Listening mode menu.
(→ Listening mode, Fig. 1)

Repeat
Changes to the Repeat menu.
(→ Set Repeat)

Program (omitted for MP3)
Changes to the Program menu.
(→ Set program)

Fig. 2



MIX
Plays tracks in random order. Pressing the button again ends the MIX mode.

Scroll...
Turns back to the previous page.
(→ CD: Functions, Fig. 1)

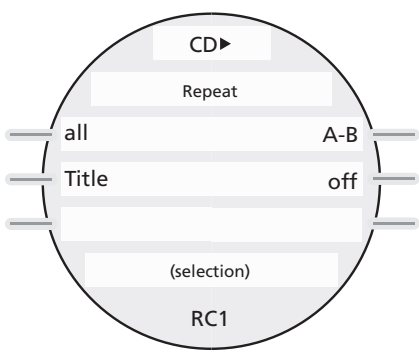
Set Repeat

CD (drive mode)
Shows the selected sound source (CD or MP3) and its current drive mode as a symbol.

Repeat
Shows the selected play mode.

all
Repeats the whole CD at the end of playing time.

Title
Repeats the current title.



A-B (omitted in MP3)
Sets mark A with the first press. With the second press (B) the section between the marks is repeated constantly.

off
Switches from the repeat mode back to the normal mode.

(Selection)
Shows information about the repeat mode.
(all, Title, A-B, Please set point B)

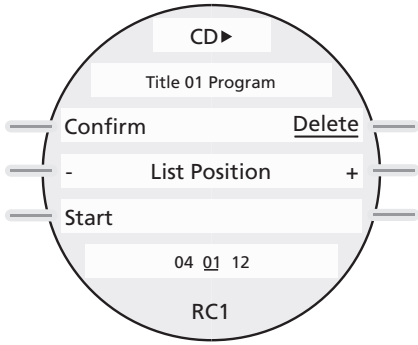
Set Program

CD (drive mode)
Shows the selected sound source (CD) and its current mode as a symbol.

Confirm
Transfers the selected title to the title list.

List position -
Moves the cursor of the title list one title position to the left.

Start
Exits the programming and plays the first title of the program list.



Title 01
Shows the selected title. New titles are selected with the numeric keys.

Delete
Changes to the Delete menu.
(→ Select Delete)

List position +
Moves the cursor of the title list one title position to the right.

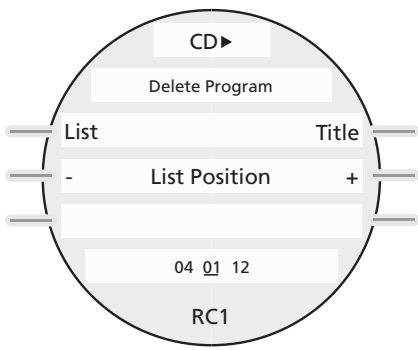
04 01 12
Shows the title list with the current cursor position. New titles are selected by the numeric keys.

Select Delete

CD (drive mode)
Shows the selected sound source (CD) and its current mode as a symbol.

List
Deletes all titles of the list.

List position -
Moves the cursor of the title list one title position to the left.



Delete program
Shows the name of the current RC1 menu.

Title
Deletes the title of the current cursor position from the title list.

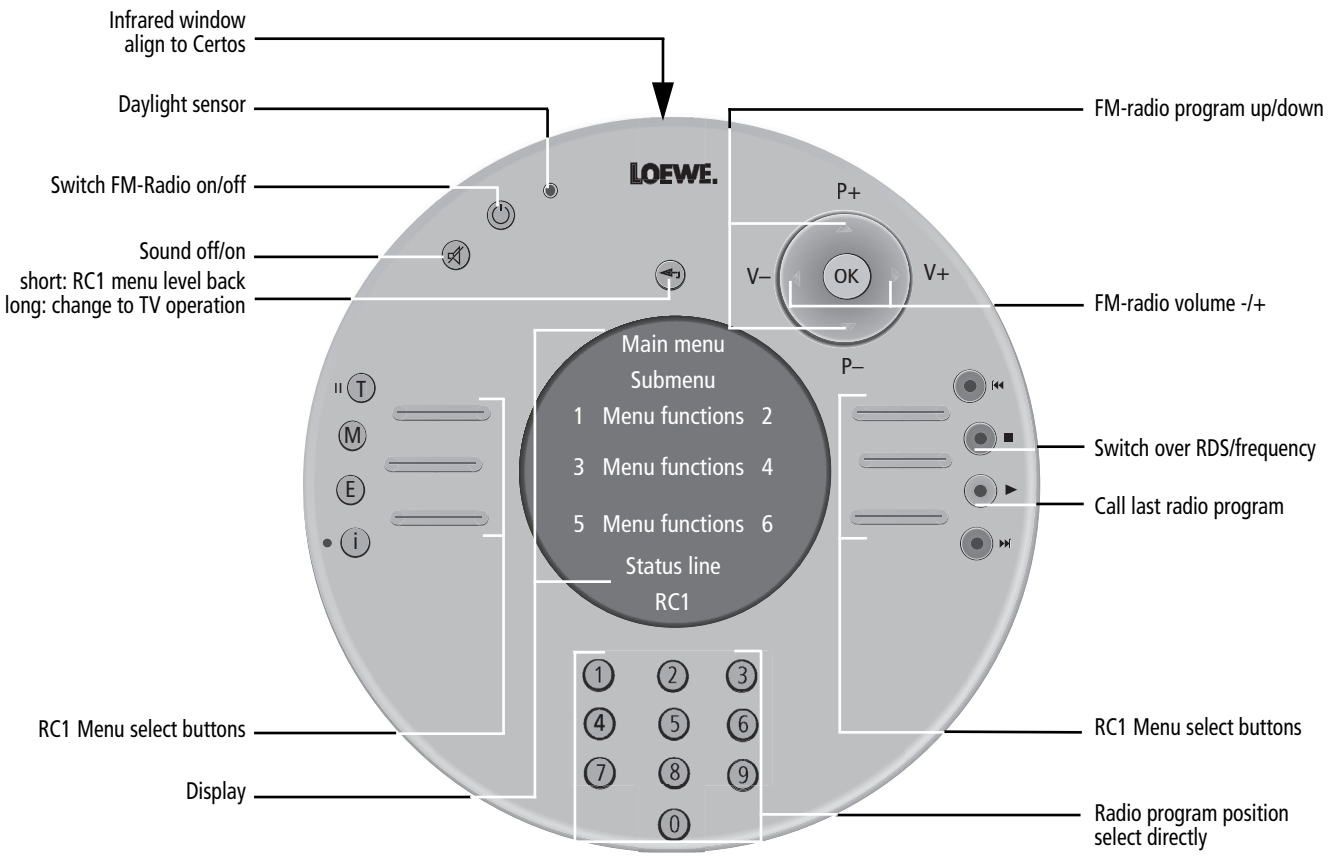
List position +
Moves the cursor of the title list one title position to the right.

04 01 12
Shows the title list with the current cursor position. New titles are selected by the numeric buttons.

FM-Radio (Certos)

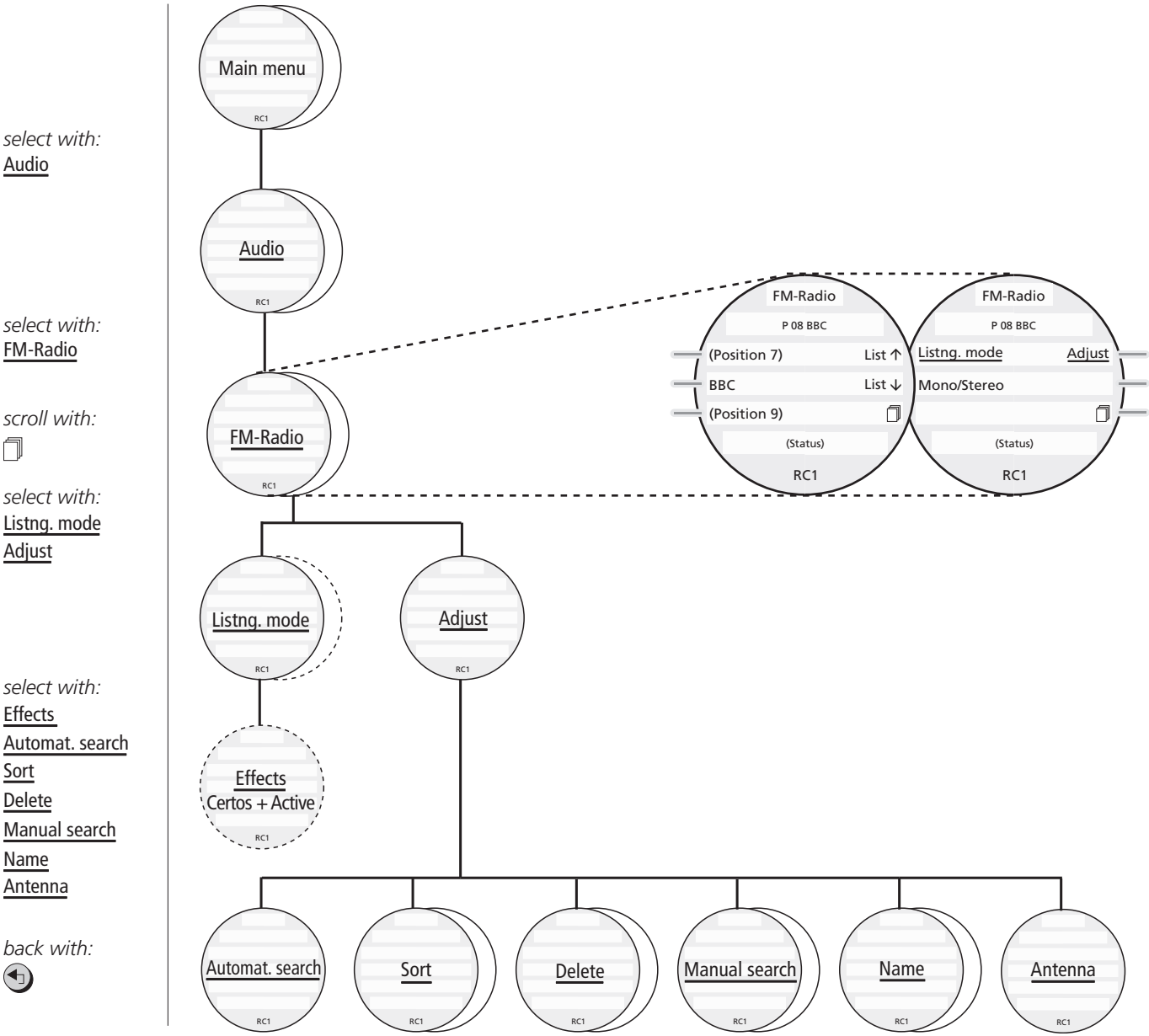
Buttons

The figure below shows the button functions of the RC1 in FM-Radio mode of the Loewe Audio/ Video system Certos. Buttons which have no function in FM-Radio mode are not described for clarity reasons.



Overview

Here you get an overview of the FM-Radio menu of the RC1 in operation with the Loewe Audio/ Video system Certos. You go from the main menu through the AUDIO to the FM-Radio menu and can already operate the routine radio functions on this level. On the second page of the menu you get access to the adjustment options which are required less frequently.



Functions

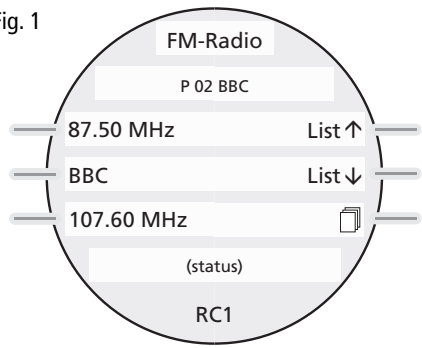
The FM-Radio main menu (Fig. 1) enables you to operate routine radio functions. On the left page of the menu you will see an excerpt from the radio program list over three display lines. The right hand side gives you the possibility of changing this excerpt. In the ex-factory state, the list shows 87.50 MHz at all program positions. You can overwrite these frequencies with new programs either automatically or manually with the Adjust menu. (↗ Certos).

87.50 MHz
Program position 1 of the station list shows an unoccupied program position which still shows the frequency of the ex-factory state.

BBC
Example for an occupied program position with RDS. It occupies position 2 in the station list. Pressing the button changes to sound of the station.

107.60 MHz
Program position 3 of the station list shows the frequency of a radio station without RDS identification.

Fig. 1



List (upwards)
Scrolls the list (left) of radio programs upwards. The sound of the current radio station remains unchanged until a new station is selected.

List (downwards)
Scrolls the list (left) of radio programs downwards.

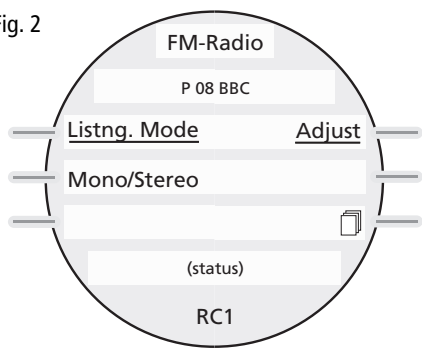
Scroll...
Turns over to the next page.
(→ FM-Radio: Functions, Fig. 2)

Listening mode
Changes to the Listening mode menu.
(→ Listening mode, Fig. 1)

Mono/Stereo
Suppresses reception and playback of stereo signals to reduce noise.

(Status)
Shows the properties of the current audio signal, e.g. Pop Music, Stereo, 5 channel, etc.

Fig. 2



P 08 BBC
Shows the program position and name of the current station.

Adjust
Changes to the Adjust menu.
(→ Adjusting the programs)

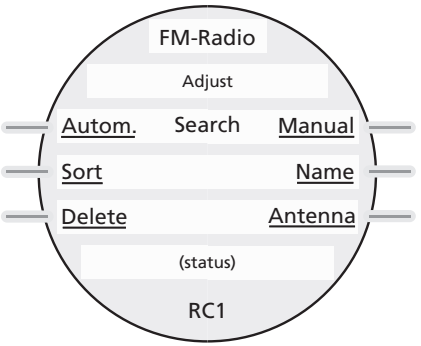
Scroll...
Turns back to the previous page.
(→ FM-Radio: Functions, Fig. 1)

Adjusting the programs

Automat. search
Changes to the Automat. search menu.
(→ Start Automat. search)

Sort
Changes to the Sort menu.
(→ Sorting the programs, Fig. 1)

Delete
Changes to the Delete menu.
(→ Delete the programs, Fig. 1)



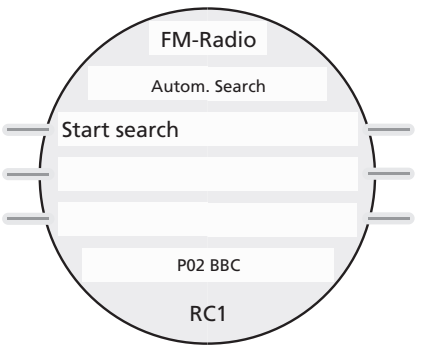
Search manual
Changes to the Manual menu.
(→ Set manual, Fig. 1)

Name
Changes to the Name menu.
(→ Change name, Fig. 1)

Antenna
Changes to the Antenna menu.
(→ Select antenna)

Start Automat. Search

Start search
Starts the automatic station search. The sound is switched off temporarily. The display shows "Please wait!" until all new program positions are stored.



Automat. search
Shows the current RC1 menu.

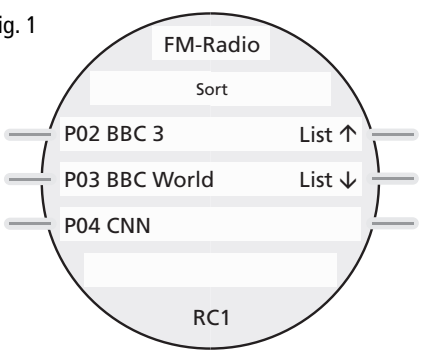
P02 BBC
Shows the program position at which the automatic programming of the stations is to begin.

Sorting the programs

P02 BBC 3
Shows in this example the RDS identification of the not overwritten station BBC 3 at program position 2. By pressing the RC1 menu button next to it you mark the station to be moved subsequently to another program position.

P03 BBC World
Shows, in this example, the RDS identification of the first newly programmed station of the list at position 3.
(→ Sorting the stations, Fig. 2)

Fig. 1



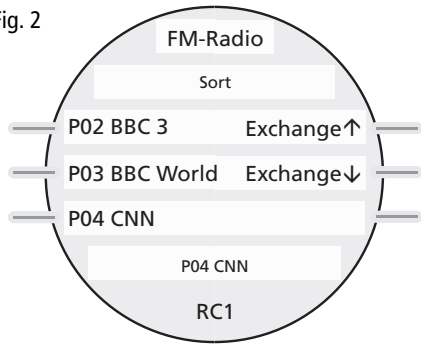
List (upwards)
Scrolls the list (left) of radio programs upwards.

List (downwards)
Scrolls the list (left) of radio programs downwards.

P 04 CNN
The marked program is shown in the status line (here CNN). The display "List up/down" changes to "Exchange up/down".

Note:
End the change process by pressing the "Back" button.

Fig. 2



Exchange (upwards)
Changes the program position with the station above. The station rises higher and higher in the list by repeatedly pressing the Exchange button.

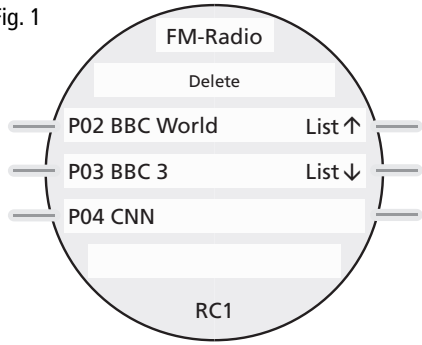
Exchange (downwards)
Changes the program position with the station below. The station drops lower and lower in the list by repeatedly pressing the Exchange button.

P04 CNN
Shows the station to be moved and its current program position.

Deleting the programs

P02 BBC World
You mark the station for subsequent deletion by pressing the RC1 menu button next to it.
(→ Deleting the programs, Fig. 2)

Fig. 1



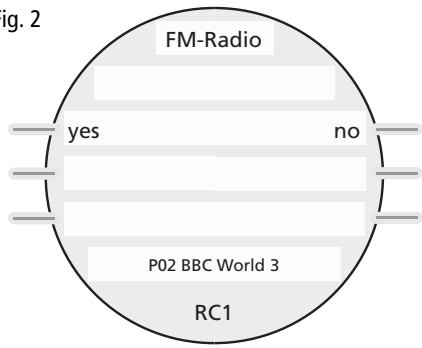
Delete
Menu header

List (upwards)
Scrolls the list (left) of radio programs upwards.

List (downwards)
Scrolls the list (left) of radio programs downwards.

yes
Deletes the previously marked station (here: BBC World).

Fig. 2



no
Returns to the previous RC1 menu without deleting the station.
(→ Deleting the programs, Fig. 1)

P02 BBC World 3
Shows the station to be deleted and its program position.

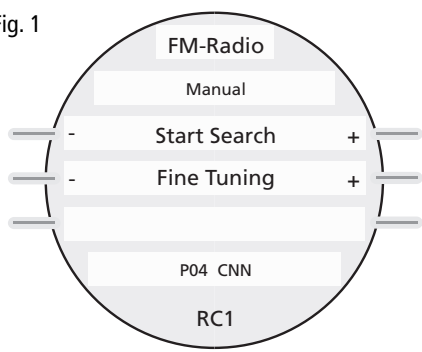
Manual Search

Manual
Menu overview.

Start search -
Searches for the next radio station with lower frequency relative to the current program.
(→ Search manual, Fig. 2)

Fine tuning -
Corrects the reception frequency in small steps downwards, e.g. for better reception of a station or to take a bearing on weaker stations.
(→ Search manual, Fig. 2)

Fig. 1



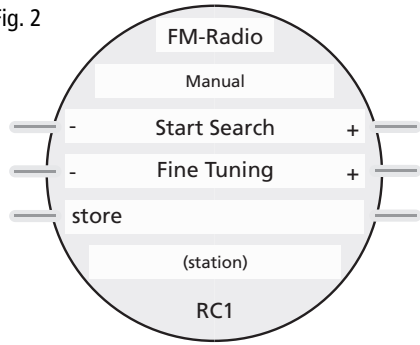
Start search +
Searches for the next radio station with higher frequency relative to the current program.
(→ Search manual, Fig. 2)

Fine tuning +
Corrects the reception frequency in small steps upwards, e.g. for better reception of a station to to take a bearing on weaker stations.
(→ Search manual, Fig. 2)

P04 DLF
Shows the current station.

Save
Places the station after search and fine tuning at the next free program position. From there it can then be moved to the desired position with the Sort mode. (→ Sorting the programs, Fig. 1)

Fig. 2

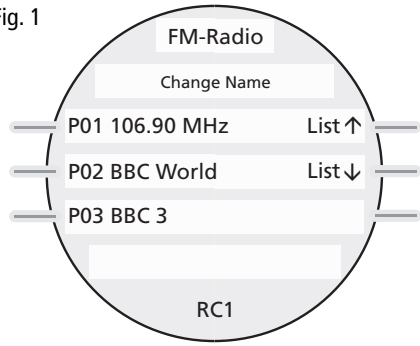


(Station)
Shows either the RDS identification of the station or the current reception frequency during fine tuning. The frequency is always displayed for stations without RDS identification.

Change Name

P01 106.90 MHz
Shows the transmitting frequency of a radio station without RDS identification. Select the station by pressing a button to give it a suitable name. Stations with RDS identification can also be renamed.
(→ Changing the name, Fig. 2)

Fig. 1



List (upwards)
Scrolls the list (left) of radio programs upwards.

List (upwards)
Scrolls the list (left) of radio programs downwards.

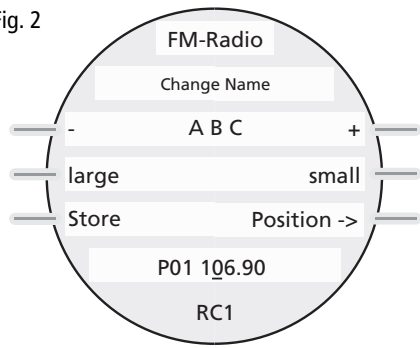
A B C -
Alphabetical character search from Z-A. The selected letter (number, special character) is displayed at the input position.

large
Enables input of an upper case letter at the cursor position.

Save
Saves the new name (max. 8 letters).

P01 106.90 MHz (Status)
The name or the frequency of the station can be overwritten and replaced by a new name. The cursor marks the current input position.

Fig. 2



A B C +
Alphabetical character search from A-Z. The selected letter (number, special character) is displayed at the input position.

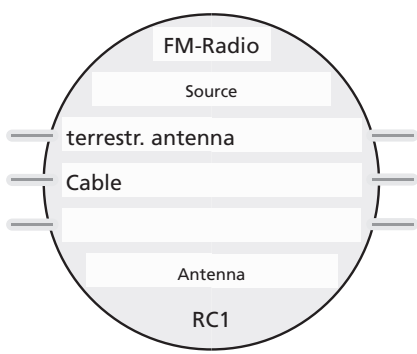
small
Enables the input of a lower case letter at the cursor position.

Position ->
Moves the position of the cursor one character to the right and then starts again from the beginning.

Selecting the antenna

terrestr. antenna
Sets the station search to maximum sensitivity to receive weak signals as well (e.g. from room antennae). Suitable for FM-radio reception by directional, room or roof antennae.

Cable
Sets the station search to normal sensitivity to avoid signal interference. Suitable for FM-radio reception from the cable network.



AV-TV (Certos)

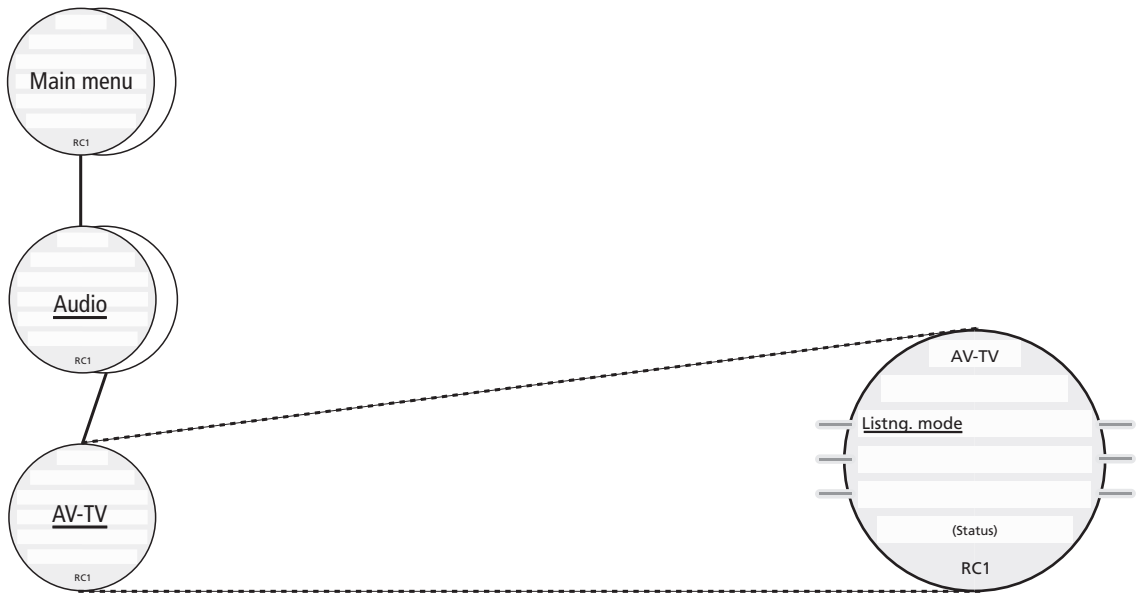
Overview

select with:
Audio

scroll with:

select with:
AV-TV

back with:

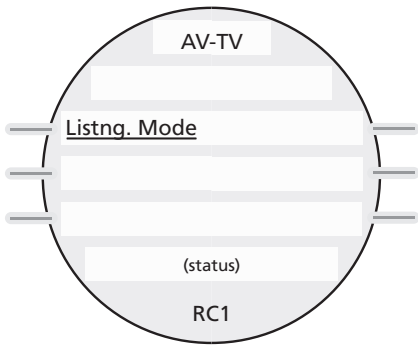


Functions

In the AV-TV mode the Loewe Audio/Video system Certos transmits the respective audio signal applied at the Euro-AV socket (e.g. VCR sound, TV sound, etc.). If you switch on your Loewe TV while you are listening to another audio signal through Certos, this audio signal is interrupted and automatically switched over to AV-TV (↗ Certos). The sensitivity of the AV-TV input can be adapted to the respective device to guarantee a homogeneous volume between the system components. (→ Dealer)

Whilst the AV-TV menu appears in the display, you operate the TV set with the direct function buttons.

Listening mode
Changes to the Listening mode menu.
(→ Listening mode, Fig. 1)



(Status)
Shows the properties of the current audio signal, e.g. Stereo, 5 channel, etc.

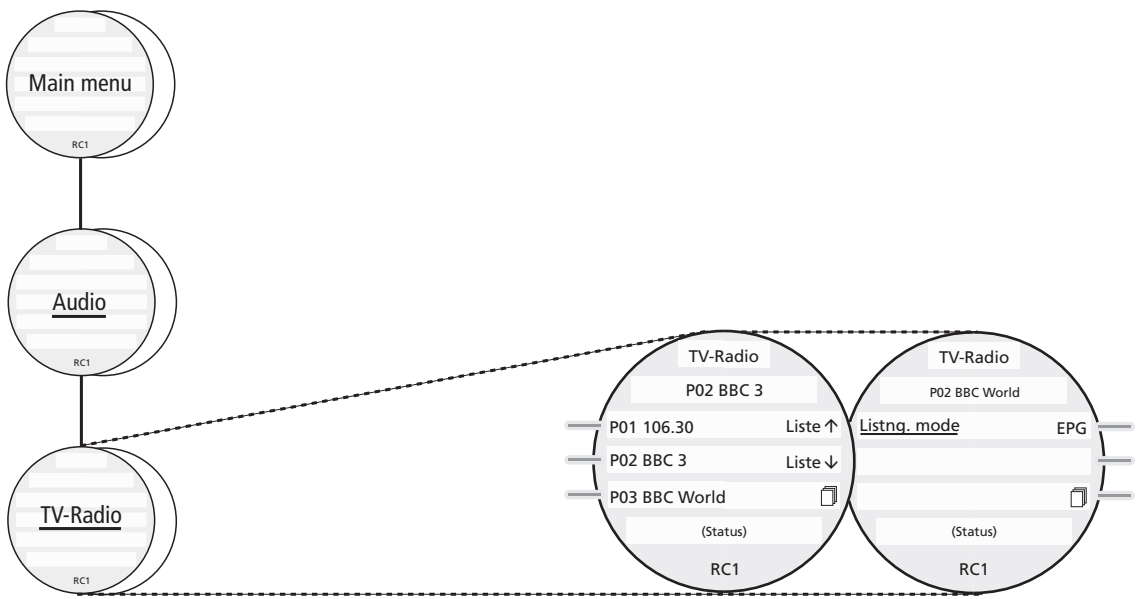
TV-Radio (Certos)

Overview

select with:
Audio

select with:
TV-Radio

back with:



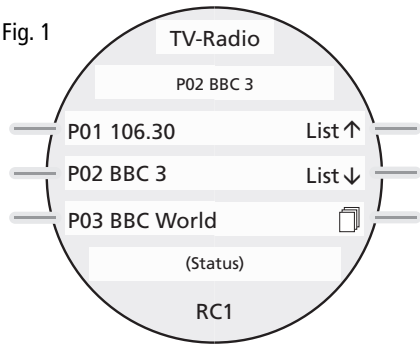
Functions

Loewe TV sets with an integrated satellite tuner (e.g. Loewe Twin-Sat) and/or DVB digital module enable the reception of satellite radio stations. These are placed in their own program positions in the automatic program search of your TV set (↗ TV). The first sixty of these satellite radio programs are taken over by the Loewe Audio/Video system Certos and displayed in the "TV-Radio" mode on the RC1 display (↗ Certos). In this way you can select the additional radio program scope of your satellite tuner via Loewe Certos.

P02 BBC 3
The submenu line shows the program position and name of the currently selected station (It is a coincidence that in our example "BBC 3" appears both in the submenu line and in the list.).

P03 BBC World
Shows either the name of the station (RDS) or its frequency. Pressing the button changes to the sound of the station (here: BBC World).

Fig. 1



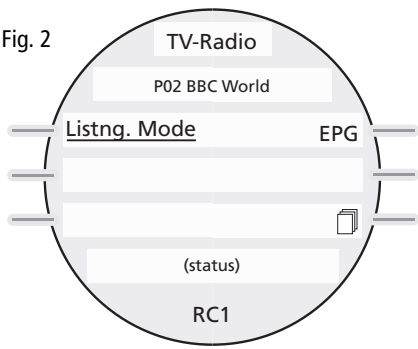
List (upwards)
Scrolls the list (left) of the radio programs upwards.

List (downwards)
Scrolls the list (left) of radio programs downwards.

Scroll...
Turns over to the next page.
(→ TV-Radio: Functions, Fig. 2)

Listening mode
Changes to the listening mode menu.
(→ Listening mode, Fig. 1)

Fig. 2



EPG
Calls the electronic program guide (EPG) onto the TV screen. There you get information about the current radio program.

Scroll...
Turns back to the previous page.
(→ TV-Radio: Functions, Fig. 1)

AUX (Certos)

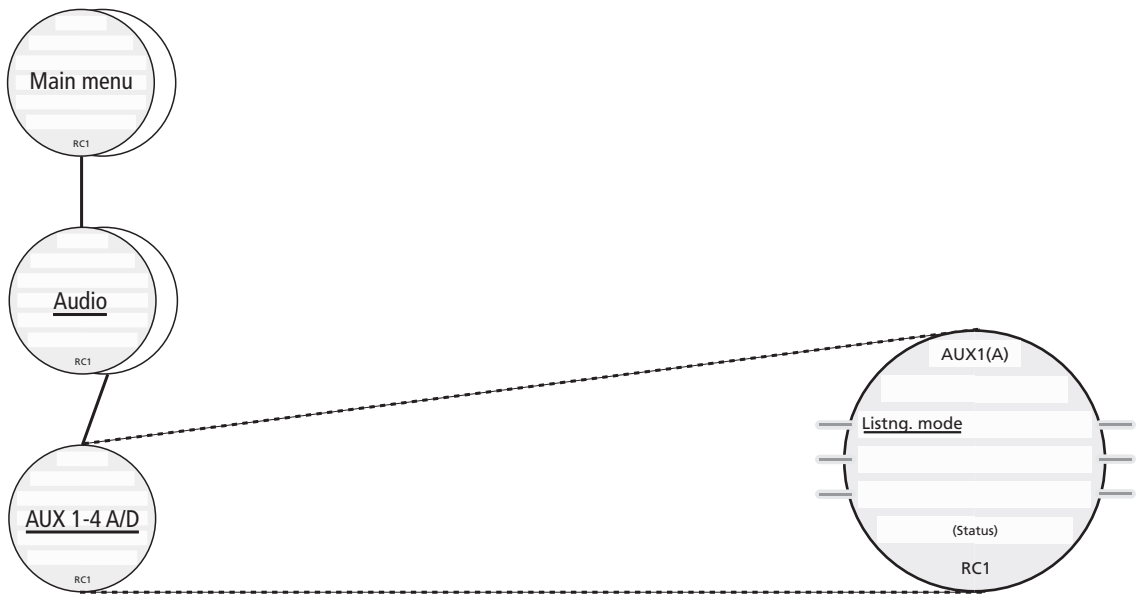
Overview

select with:
Audio

scroll with:

select with:
AUX 1-4 A/D

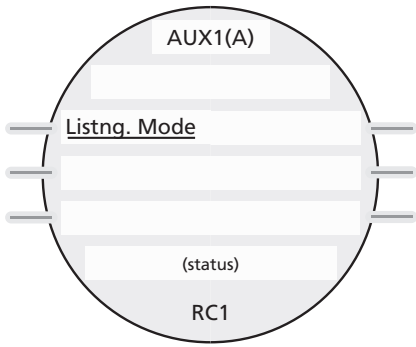
back with:



Functions

The Loewe Audio/video system Certos has two analog (AUX1+2) and two digital (AUX3-4) audio inputs which are identified accordingly by "(A)" for analog and "(D)" for digital. You can connect external audio equipment to these terminals (e.g. cassette deck, mini disk, etc.) and set the listening mode individually. The sensitivity of the inputs can be adapted to the respective device to guarantee a homogeneous volume between the system components. (→ Dealer)

Listening mode
Changes to the Listening mode menu.
(→ Listening mode, Fig. 1)



AUX1(A)
The Loewe Certos transmits the sound of the device connected to AUX1(A).

(Status)
Shows the current audio settings, e.g. Stereo, 5 Kanal, etc.

Listening mode (Certos with Concertos)

Functions

Both the Loewe Audio/video system Certos and the loudspeaker system Concertos have an integrated room sound processor (multi-channel decoder). If both systems are available, the Concertos processor is used exclusively. You then operate the Loewe Concertos in the listening mode menu.

The listening mode can be set separately for every audio/video source. The adjustments made are saved and recalled the next time the device is actuated. You can select between 5/3 and 2-channel sound and set the volume of the surround loudspeakers and center channel separately. If you switch the sound correction to "Film", the deep bass tones of cinema movies are amplified impressively. If you switch on the dynamic compression of the "Night" mode, quieter and louder passages are adapted to each other. The 1-channel mode outputs the signal of a mono source evenly to all connected loudspeakers.

(Device)
Shows the name of the currently selected device, e.g. DVD.

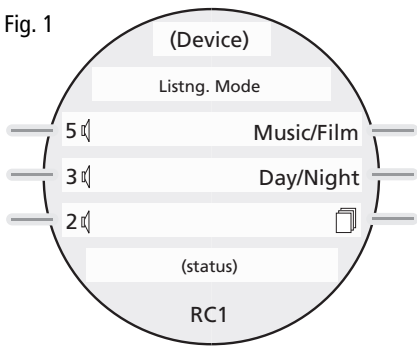
Listening mode
Menu overview.

5-channel
Switches the audio system to the 5-channel mode. Front left/right/center and rear left/right.

3-channel
Switches the audio system to the 3-channel mode. Front left/right/center.

2-channel
Switches the audio system to the 2-channel mode. Front left/right.

Fig. 1



Music/Film
Switches back and forth between the sound regulation for music and film (bass amplification in "Film").

Day/Night
Switches the dynamic compression of the night mode on and off.

Scroll...
Turns over to the next page.
(→ Listening mode, Fig. 2)

(Status)
Shows the number of active loudspeakers and the set values for music/film, day/night.

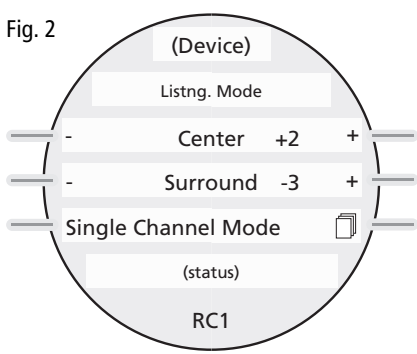
(Device)
Shows the name of the currently selected device, e.g. DVD.

Center -
Reduces the volume of the center channel.

Surround -
Reduces the volume of the two rear surround channels.

Single channel mode
Turns a single-channel (mono) into a surround signal to listen to a newsreader over all 5 loudspeakers for example.

Fig. 2



Listening mode
Menu header.

Center +
Increases the volume of the center channel.

Surround +
Increases the volume of the two rear surround channels.

Scroll...
Turns back to the previous page.
(→ Listening mode, Fig. 1)

Listening mode (Certos without Concertos)

Functions

The Loewe Audio/video system Certos has an integrated room sound processor, the settings of which you can change in the listening mode menu. Dolby Digital and DTS are selected directly by the DVD menu. (The room sound processor of the Certos is only active when you are not operating the set with the Loewe loudspeaker system Concertos.)

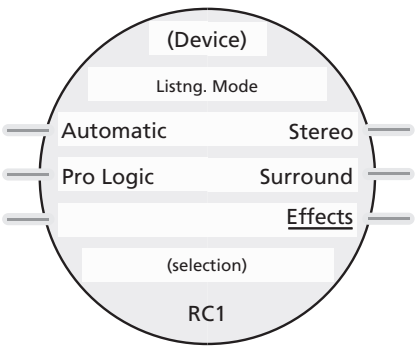
The listening mode can be set separately for every audio/video source. The settings made are saved and recalled the next time the device is operated. The possible settings change according to the connected number of loudspeakers.

for 5 loudspeakers

(Device)
Shows the name of the currently selected device, e.g. DVD.

Automatic
Switches on the automatic audio format detector. The setting depends on the incoming signal.

Pro Logic
Switches to the Dolby Pro Logic Audio format regardless of the transmitted audio signal.



Stereo
Switches to the Stereo format regardless of the transmitted audio signal.

Surround
Switches to the Surround mode, regardless of the transmitted audio signal. Surround turns a stereo signal into a surround signal.

Effects
Changes to the Effects menu.
(→ Set effects)

(Select)
Shows the currently selected setting (including any effect which might be selected).

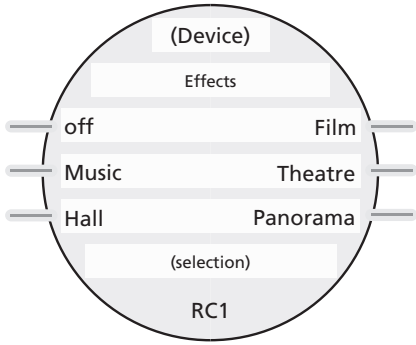
Set effects (only 5 speakers)

(Device)
Shows the name of the currently selected device, e.g. DVD.

off
Switches off the selected effect.

Music
Switches on the music effect regardless of the transmitted audio signal.

Hall
Switches on the Hall effect regardless of the transmitted audio signal.



Film
Switches the film effect on regardless of the transmitted audio signal.

Theatre
Switches on the theatre effect regardless of the transmitted audio signal.

Panorama
Switches on the panorama effect regardless of the transmitted audio signal.

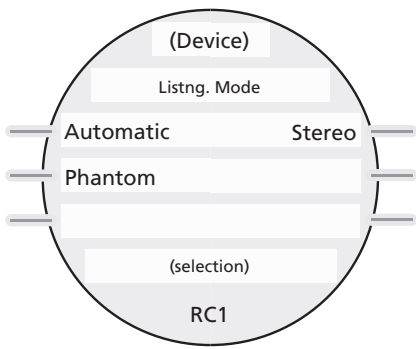
(Selection)
Shows the currently selected setting.

for 4 loudspeakers

(Device)
Shows the name of the currently selected device, e.g. DVD.

Automatic
Switches on the automatic audio format detector. The settings of the Certos then depend on the incoming signal.

Phantom
Switches to the Phantom mode regardless of the incoming signal.



Stereo
Switches to the stereo format regardless of the transmitted audio signal.

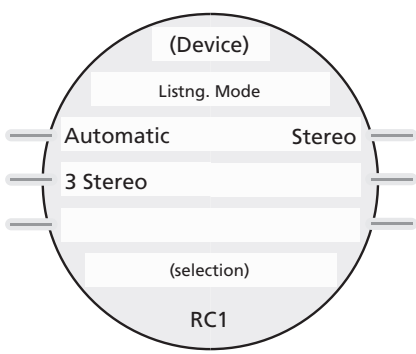
(Selection)
Shows the currently selected setting.

for 3 loudspeakers

(Device)
Shows the name of the currently selected device, e.g. DVD.

Automatic
Switches on the automatic audio format detector. The settings of Certos then depend on the incoming signal.

3 Stereo
Switches to the 3 stereo mode regardless of the incoming signal.



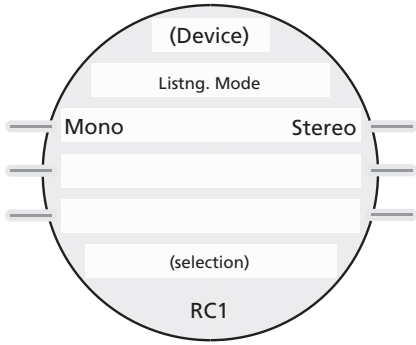
Stereo
Switches to the stereo format regardless of the transmitted audio signal.

(Selection)
Shows the currently selected setting.

for 2 loudspeakers

(Device)
Shows the name of the currently selected device, e.g. DVD.

Mono
Switches to mono mode regardless of the incoming signal.

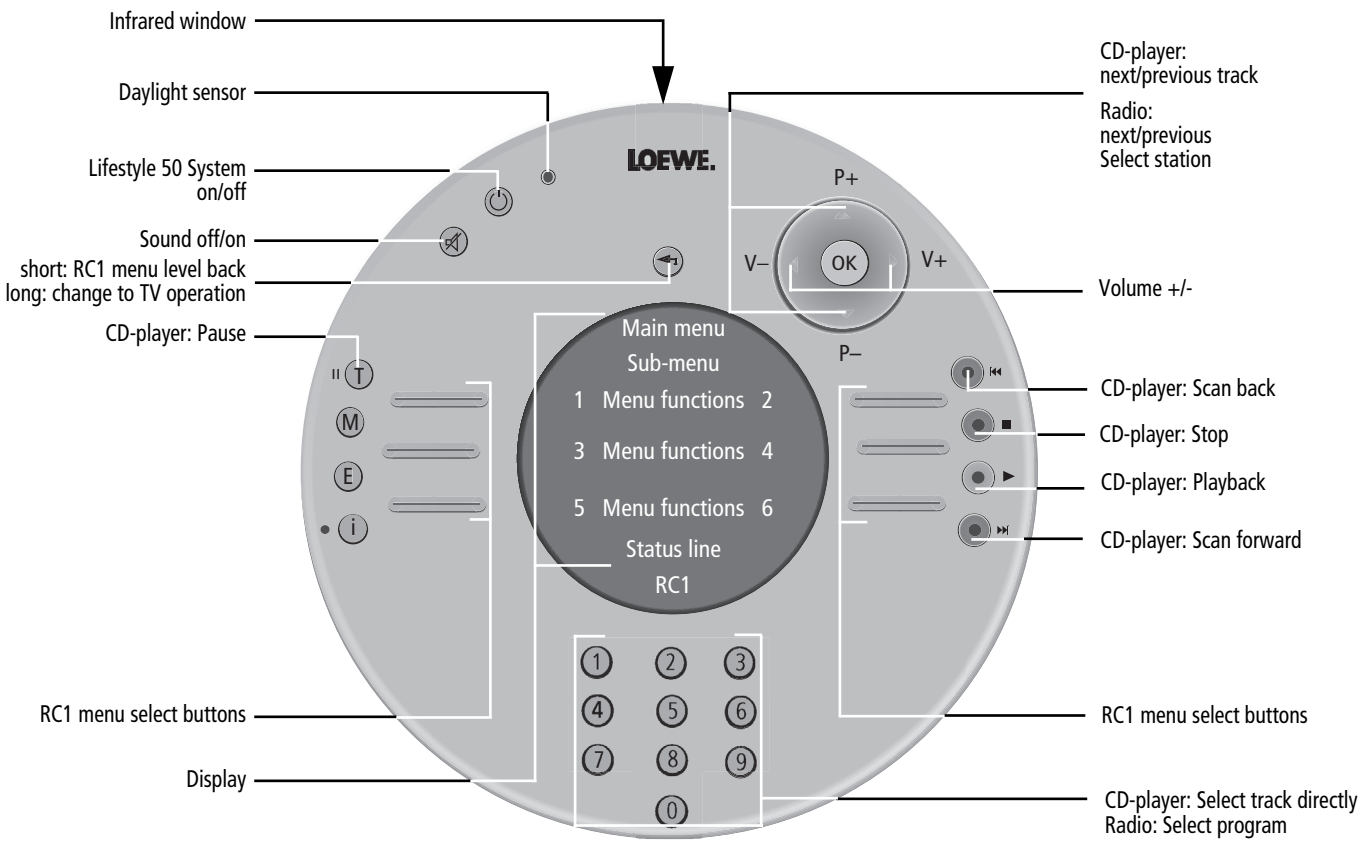


Stereo
Switches to the stereo format regardless of the transmitted audio signal.

(Selection)
Shows the currently selected setting.

AUDIO menu (BOSE)

Buttons



Overview

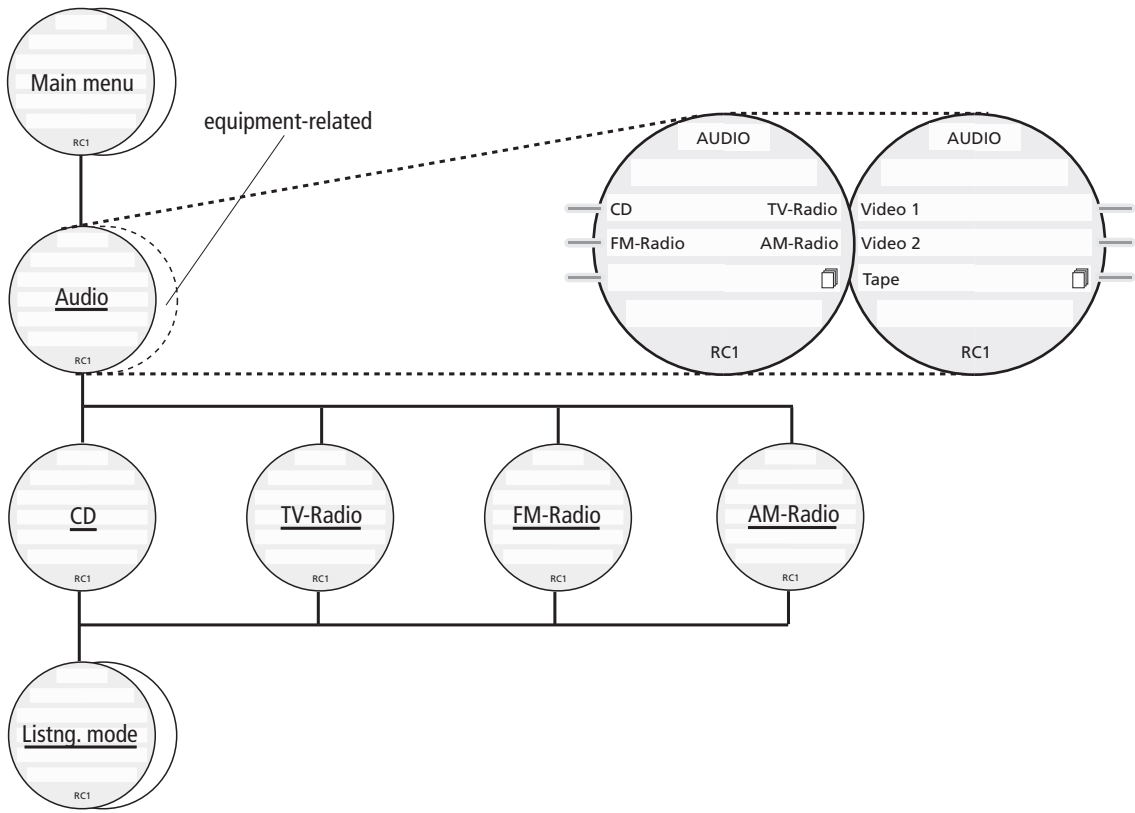
select with:
Audio

select with:
CD
TV-Radio
FM-Radio
AM-Radio

select with:
Listng. mode

scroll with:

back with:

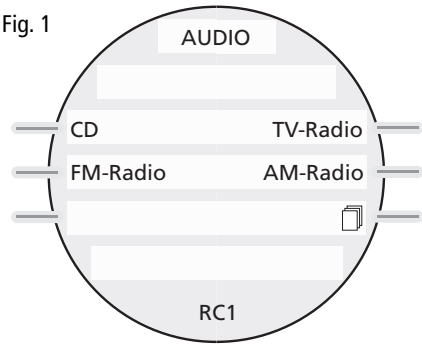


Functions

CD
Changes to the CD menu and switches your BOSE system to the CD mode.
(→ CD)

FM-Radio
Changes to the FM-Radio menu and switches your Bose system to the FM-Radio mode.
(→ FM-Radio)

Fig. 1



TV-Radio
Switches your Loewe TV to the TV-Radio mode.

AM-Radio
Changes to the AM-Radio menu and switches your Bose system to the Radio mode.
(→ AM-Radio)

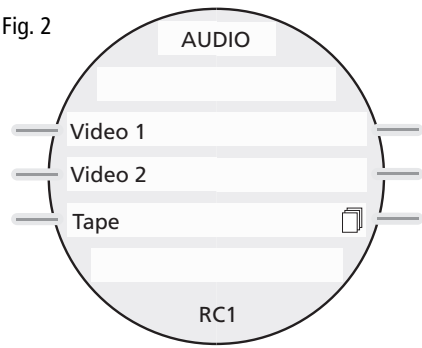
Scroll...
Turns over to the next page.
(→ Functions, Fig. 2)

Video 1
Switches to the Video-1 mode.

Video 2
Switches to the Video-2 mode.

Tape
Switches to cassette mode.

Fig. 2



Scroll...
Turns back to the previous page.
(→ Functions, Fig. 1)

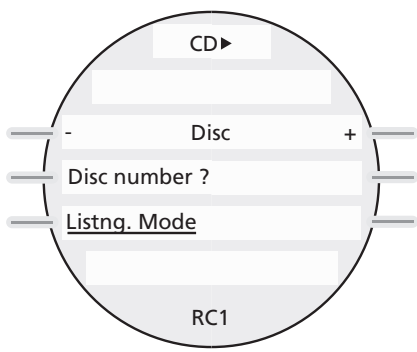
Note:
The second page of the Bose audio menu is only displayed if you are not operating your system in a combination with your Loewe TV and your dealer has set the RC1 configuration accordingly.

CD (BOSE)

Disc -
Changes form a higher to a lower disc number, e.g. from Disc 2 to Disc 1.

Disc number ?
You can enter the disc number directly after pressing the button next to it.

Listening mode
Changes to the listening mode menu (BOSE).
(→ Listening mode (BOSE), Fig. 1)

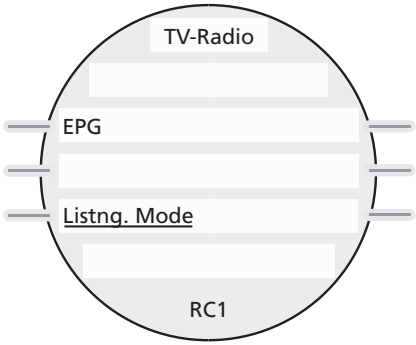


Disc +
Changes from a lower to a higher disc number, e.g. from Disc 1 to Disc 2.

TV-Radio (BOSE)

EPG
Starts the electronic program guide on the TV screen (only for DVB radio programs).

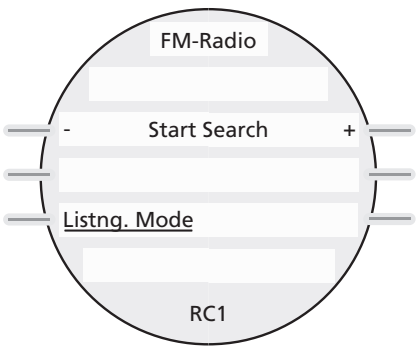
Listening mode
Changes to the listening mode menu (BOSE).
(→ Listening mode (BOSE), Fig. 1)



FM-Radio (BOSE)

Start search -
Starts the automatic FM station search starting with the current station in descending order.

Listening mode
Changes to the listening mode menu (BOSE).
(→ Listening mode (BOSE), Fig. 1)

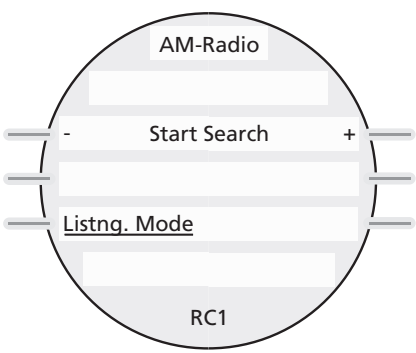


Start search +
Starts the automatic FM station search starting with the current station in ascending order.

AM-Radio (BOSE)

Start search -
Starts the automatic AM station search starting with the current station in descending order.

Listening mode
Changes to the Listening mode menu (BOSE).
(→ Listening mode (BOSE), Fig. 1)



Start search +
Starts the automatic AM station search starting with the current station in ascending order.

Listening mode (BOSE)

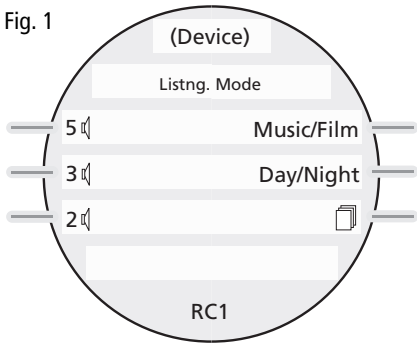
(Device)
Shows the name of the currently selected device, e.g. CD.

5-channel
Switches the audio system to the 5-channel mode. Front left/right/center and rear left/right.

3-channel
Switches the audio system to the 3-channel mode. Front left/right/center.

2-channel
Switches the audio system to the 2-channel mode. Front left/right (stereo).

Fig. 1



Music/FILM BASS
Switches back and forth between the sound regulation for music and film (bass amplification in "Film").

Day/Night
Switches the dynamic compression of the night mode on and off. (No function with Lifestyle 50!)

Scroll...
Turns over to the next page.
(→ Listening mode (BOSE), Fig. 2)

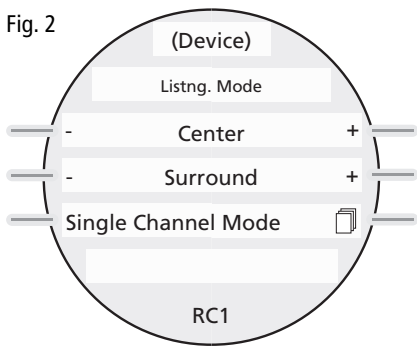
(Device)
Shows the name of the currently selected device, e.g. CD.

Center -
Reduces the volume of the center channel.

Surround -
Reduces the volume of the two rear surround channels.

Single channel mode
Turns single channel (mono) into a surround signal to listen to a newsreader over all 5 loudspeakers for example. (No function with Lifestyle 50!)

Fig. 2



Listening mode
Menu overview.

Center +
Increases the volume of the center channel.

Surround +
Increases the volume of the two rear surround channels.

Scroll...
Turns back to the previous page.
(→ Listening mode (BOSE), Fig. 1)

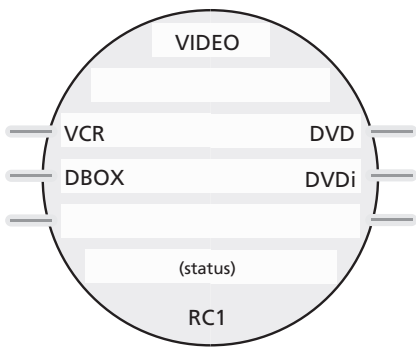
VIDEO menu

You go to the visual components via the video menu of the RC1. The appearance of the menu is based on your equipment. The following variations are conceivable: 1. You have not connected any other DVD player apart from Loewe Certos – the display shows "DVD". 2. You have only connected an external DVD player and do not have the Loewe Certos – the display shows "DVD". 3. You have connected an external DVD player and have the Loewe Certos – the display shows "DVD" and "DVDi" ("i" stands for the internal Certos-DVD player). 4. You have connected two external DVD players – the display shows "DVD1", "DVD2" (and DVDi, if the Loewe Certos is connected).

The figure below shows the configuration for Certos and an external Loewe DVD player.

VCR
Changes to the video recorder menu.
(→ VCR: Functions, Fig. 1)

DBOX
Changes to the DBOX menu.
(→ DBOX: Functions, Fig. 1)



DVD
Changes to the DVD menu to operate an external DVD player.
(→ DVD external: Functions, Fig. 1)

DVDi
Changes to the DVDi menu to operate the internal DVD player of the Loewe Certos.
(→ DVD(i) internal (Certos): Functions, Fig. 1)

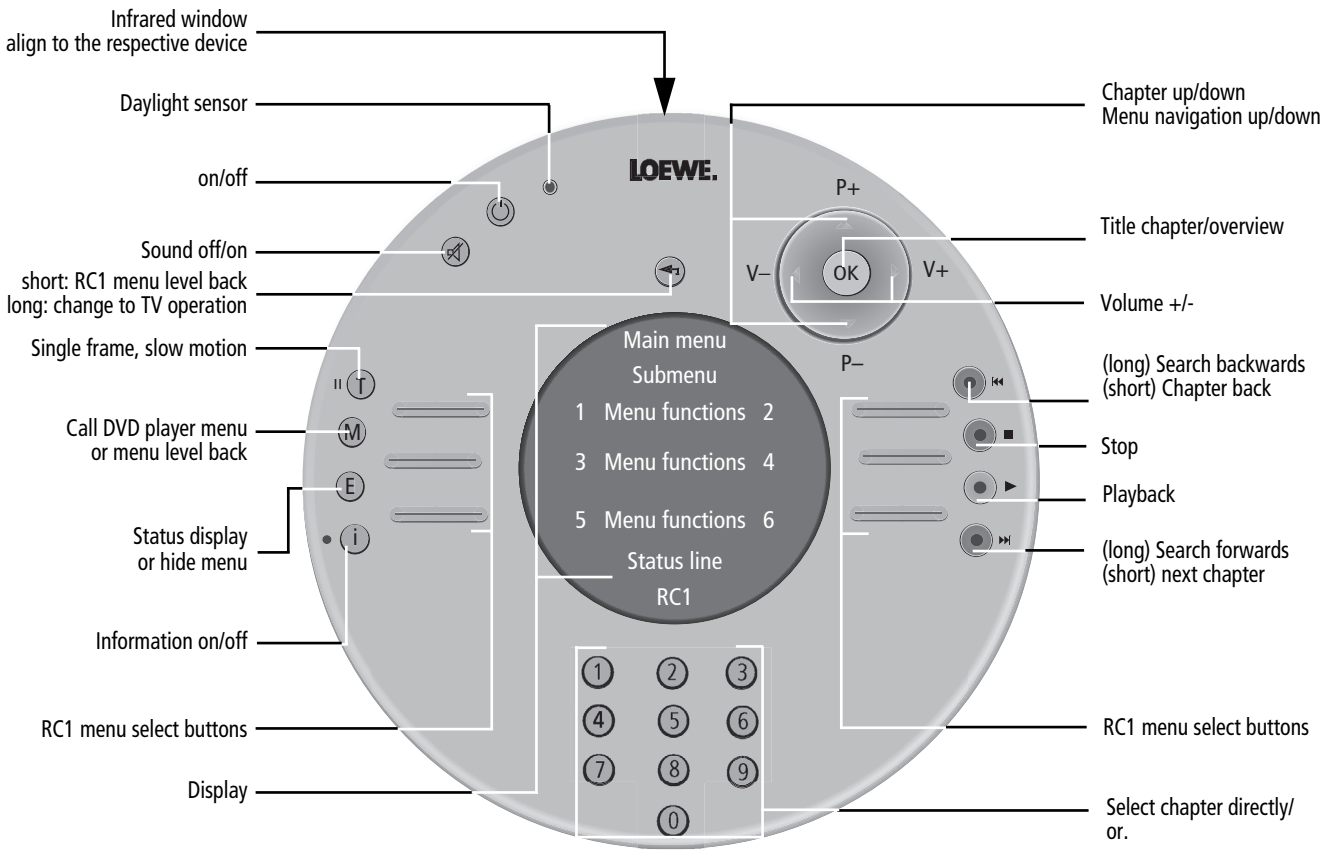
DVD(i) internal (Certos)

Buttons

The Loewe Audio/Video system Certos can play DVDs, audio CDs and MP3s. The direct function buttons (e.g. T-button) and the menu select buttons (see below) of the RC1 have different assignments depending on the inserted sound medium.

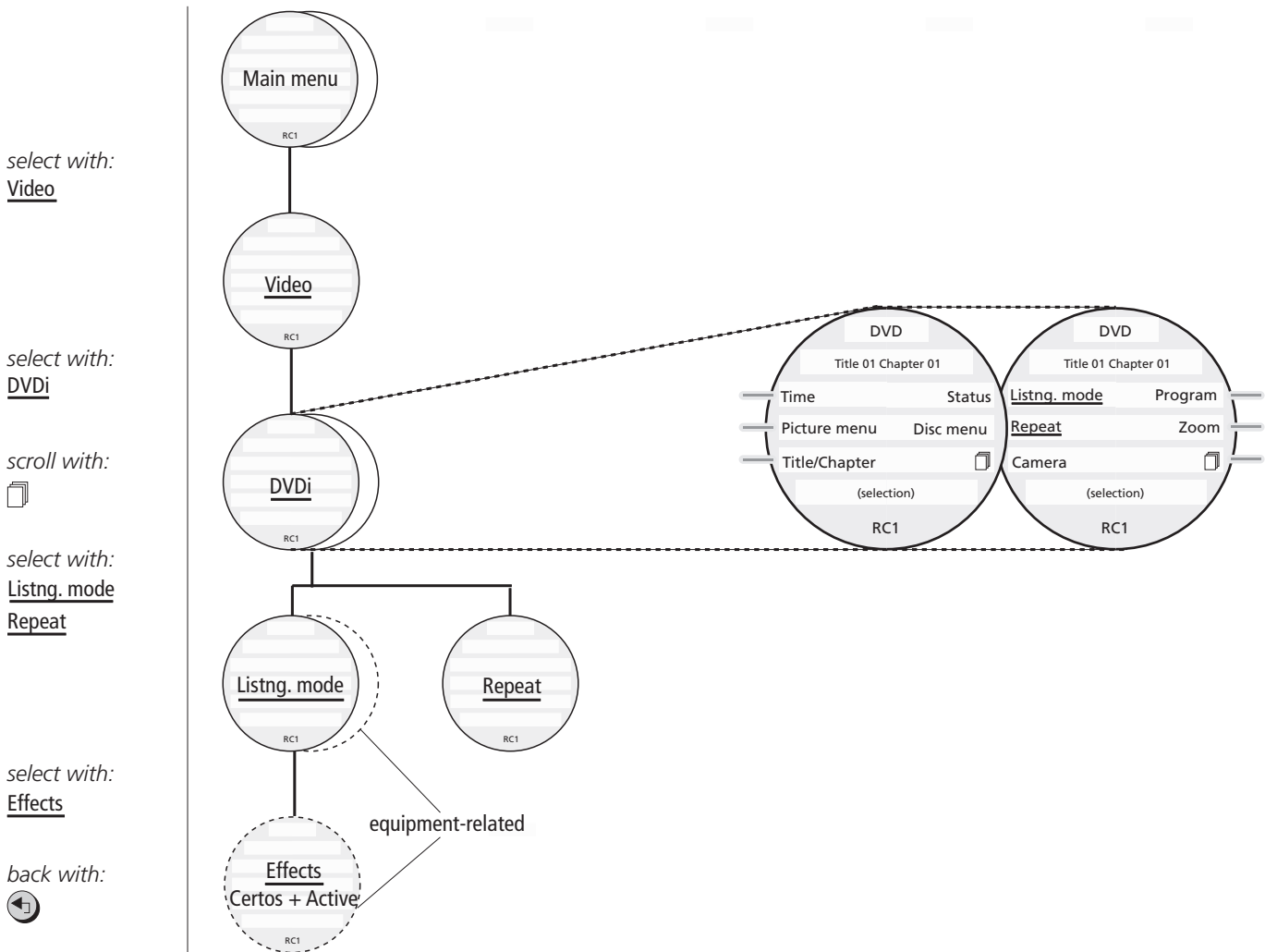
The function of the coloured function buttons remains practically the same (e.g. Play).

The figure describes the button assignment of the RC1 in operation with the Loewe Audio/Video system Certos. Please consult the chapter "Operating the DVD" for notes on operating other Loewe CD/DVD players (Xemix, etc.). You will find information about handling equipment made by other manufacturers under "Adjustments/New device".



Overview

Here you get an overview of the DVDi menu of the RC1 and how to get there. The small "i" in DVDi stands for "internal" and identifies the integrated DVD player of the Loewe audio/video system Certos. This special identification is always necessary when a distinction needs to be made between an internal and an external DVD player. The identification "i" is therefore omitted when you have only connected the internal DVD player of Certos.



Functions

Time
Displays the playing time and remaining time of the current title during playback. The total time of the last played chapter is displayed in Stop mode.

Picture menu
Opens the menu for picture settings of your TV set.
(↗ TV)

Title/Chapter
Opens the title/chapter selection of the DVD player on the TV screen.
(↗ Certos)

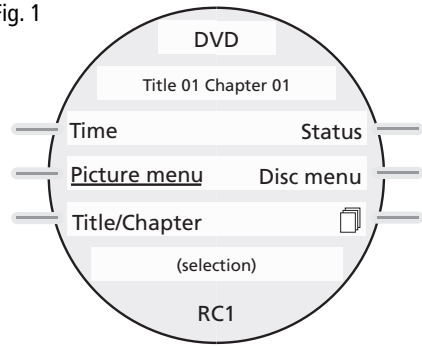
(Selection)
Shows the selected parameters for time and status.

Listening mode
Changes to the listening mode menu.
(→ Listening mode, Fig. 1)

Repeat
Changes to the Repeat menu.
(→ Repeat, Fig. 1)

Camera
Opens the Camera menu of the DVD player on the TV screen providing the inserted DVD suports this function.

Fig. 1

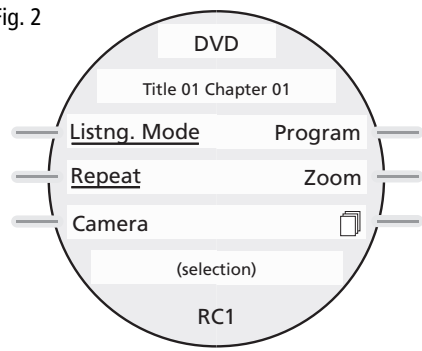


Status
Shows the settings of the DVD playback in the selection line, e.g. 5-channel sound, Dolby-Digital, etc.

Disc menu
Calls the start menu of the inserted DVD. Playback is interrupted.
(↗ Certos)

Scroll...
Turns over to the next page.
(→ DVD(i) internal: Functions (Certos), Fig. 2)

Fig. 2



Program
Opens the Program menu of the DVD player on the TV screen.
(↗ Certos)

Zoom
Opens the Zoom menu of the DVD player on the TV screen. The desired magnification factor can then be entered with the numeric buttons of the RC1 or selected with the cursor buttons and confirmed with "OK".

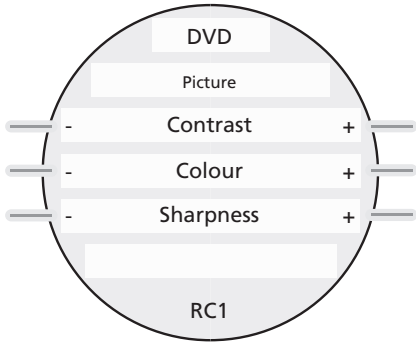
Scroll...
Turns back to the previous page.
(→ DVD(i) internal: Functions (Certos), Fig. 1)

Picture

Contrast -
Reduces the contrast of the TV picture gradually.

Colour -
Reduces the colour saturation of the TV picture gradually.

Sharpness -
Reduces the sharpness of the TV picture gradually.



Contrast +
Increases the contrast of the TV picture gradually.

Colour +
Increases the colour saturation of the TV picture gradually.

Sharpness +
Increases the sharpness of the TV picture gradually.

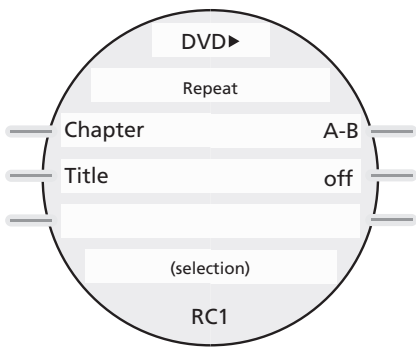
Repeat

DVD (drive mode)
Shows the selected sound source (DVD) and its current drive mode as a symbol.

Repeat
Shows the name of the selected menu.

Chapter
Repeats the current chapter.

Title
Repeats the current title.



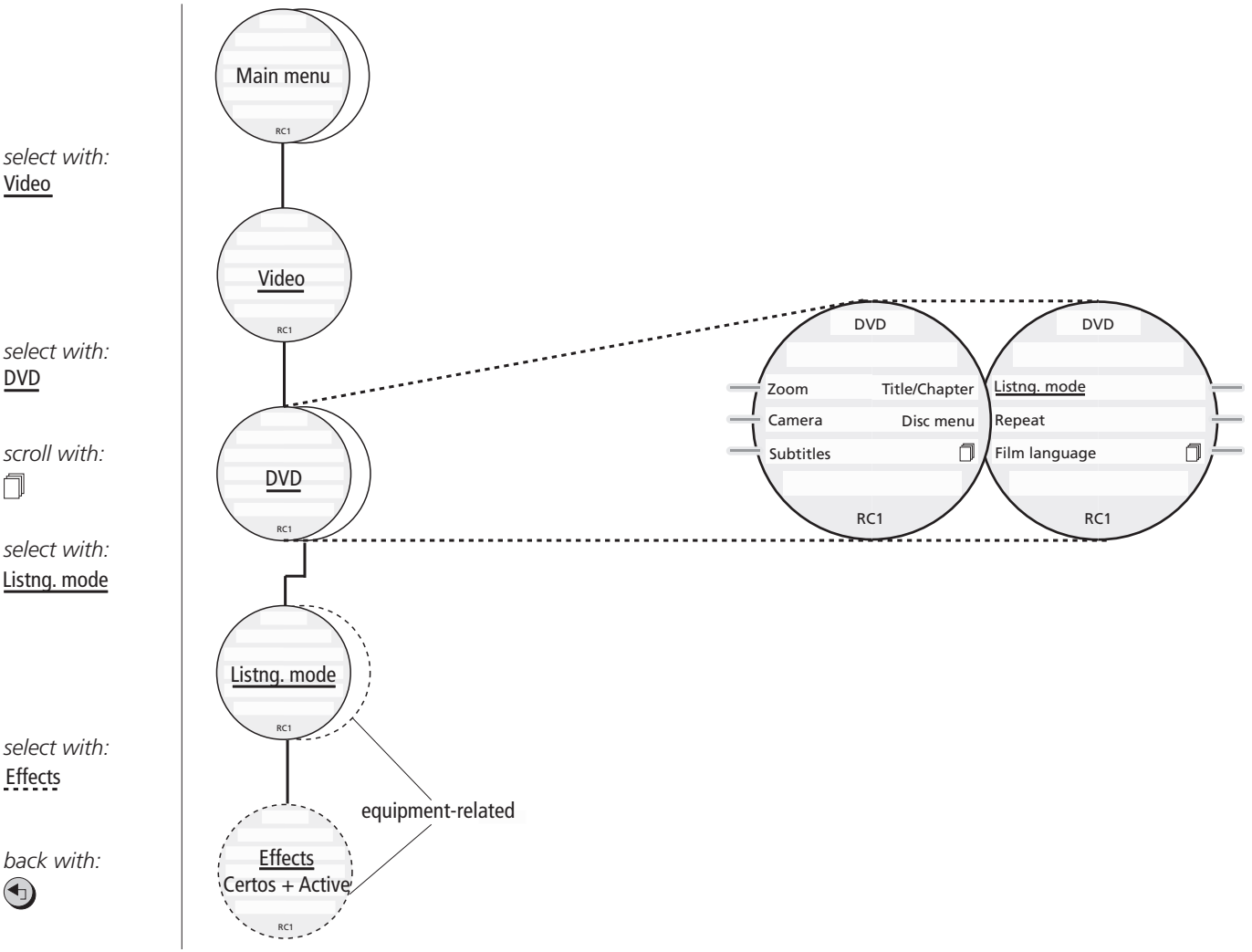
A-B
Sets mark A the first time the button is pressed. The section between the marks is repeated constantly on pressing the button a second time (setting mark B).

off
Switches back from the repeat mode to the normal mode.

(Selection)
Shows the selected Play mode.

DVD external (with Certos/Concertos)

Overview



Functions

When you are operating an external Loewe DVD player with the Loewe Audio/Video system Certos the RC1 video menu displays "DVD" for the external and "DVDi" for the DVD player integrated in Certos. In this configuration the "Listening mode" (Fig. 2) is controlled by the Loewe Certos.

If you are operating your external Loewe DVD player without Certos, the RC1 video menu displays "DVD". The Listening mode menu remains without function. This distinguishes operation "with Certos/Concertos" from operation "without Certos/Concertos". Please consult the description of the listening mode menu in this manual for information about the system behaviour of Certos/Concertos. (→ Listening mode, Fig. 1)

DVD
Shows the selected device (DVD).

Zoom
Opens the Zoom menu of the DVD player on the TV screen.

Camera
Opens the Camera menu of the DVD player on the TV screen (if the DVD allows this function).

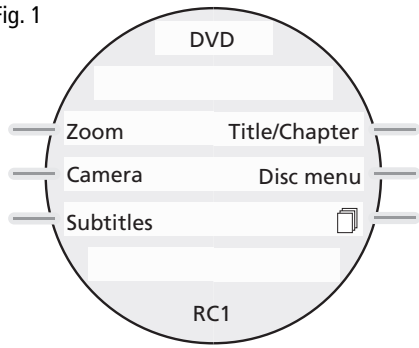
Subtitles
Opens the main menu of the DVD player on the TV screen. "Subtitles" is already selected.

Listening mode
Changes to the listening mode menu.
(→ Listening mode, Fig. 1)

Repeat
Selects the Repeat function of the DVD player. The "next" repeat mode is selected with every press of the button: Chapter, title, whole disc.

Film language
Opens the main menu of the DVD player on the TV screen. "Language" is already selected.

Fig. 1

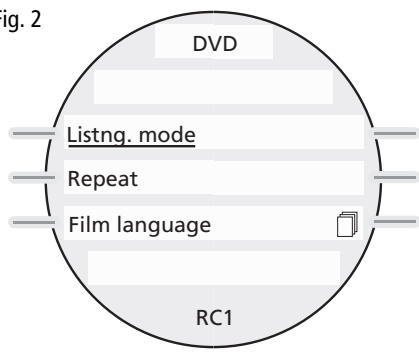


Title/Chapter
Opens the Title/Chapter menu of the DVD player on the TV screen.

Disc menu
Calls the start menu of the inserted DVD. Playback is interrupted.

Scroll...
Turns to the next page of the DVD menu.
(→ DVD external: Functions, Fig. 2)

Fig. 2

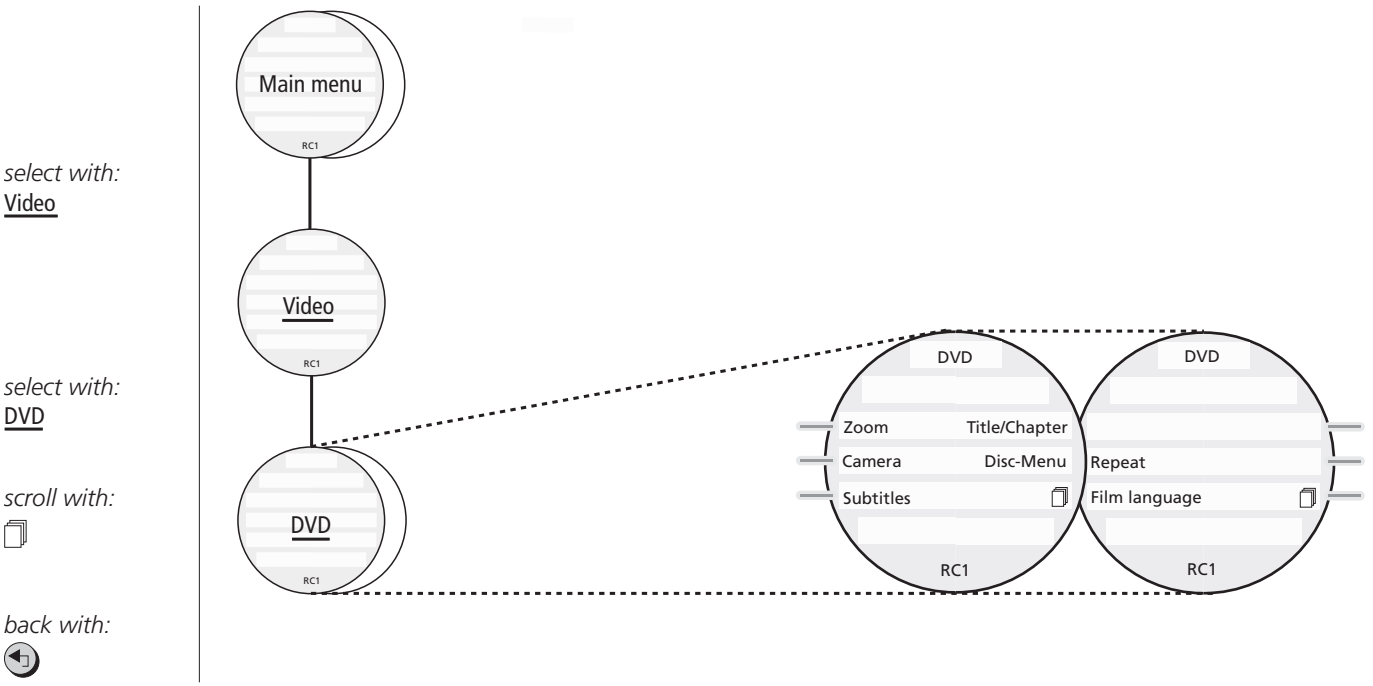


DVD
Shows the selected device (DVD).

Scroll...
Turns back to the previous page of the DVD menu.
(→ DVD external: Functions, Fig. 1)

DVD external: (without Certos/Concertos)

Overview



Functions

If you are operating your external Loewe DVD player without Certos, the RC1 video menu displays "DVD". The menus (OSD) of your DVD player displayed on the TV screen can be closed again by pressing the OK button unless they close themselves after a short time.

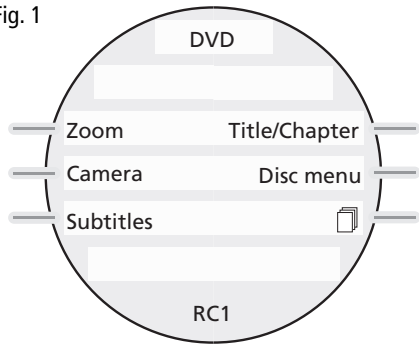
DVD
Shows the selected device (DVD).

Zoom
Opens the Zoom menu of the DVD player on the TV screen.

Camera
Opens the Camera menu of the DVD player on the TV screen (if the DVD allows this function).

Subtitles
Opens the main menu of the DVD player on the TV screen. "Subtitles" is already selected.

Fig. 1

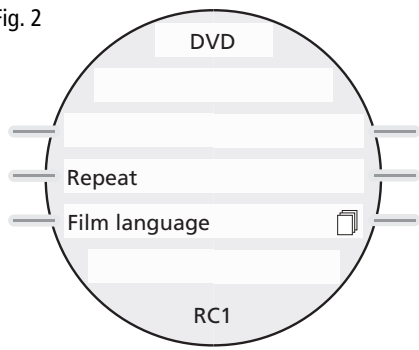


Title/Chapter
Opens the Title/Chapter menu of the DVD player on the TV screen.

Disc menu
Calls the Start menu of the inserted DVD. Playback is interrupted in the meantime.

Scroll...
Turns over to the next page of the DVD menu.
(→ DVD external: Functions, Fig. 2)

Fig. 2



Repeat
Selects the repeat function of the DVD player. The "next" repeat mode is selected with every press of the button: Chapter, title, whole disc.

Film language
Opens the main menu of the DVD player on the TV screen. "Language" is already selected.

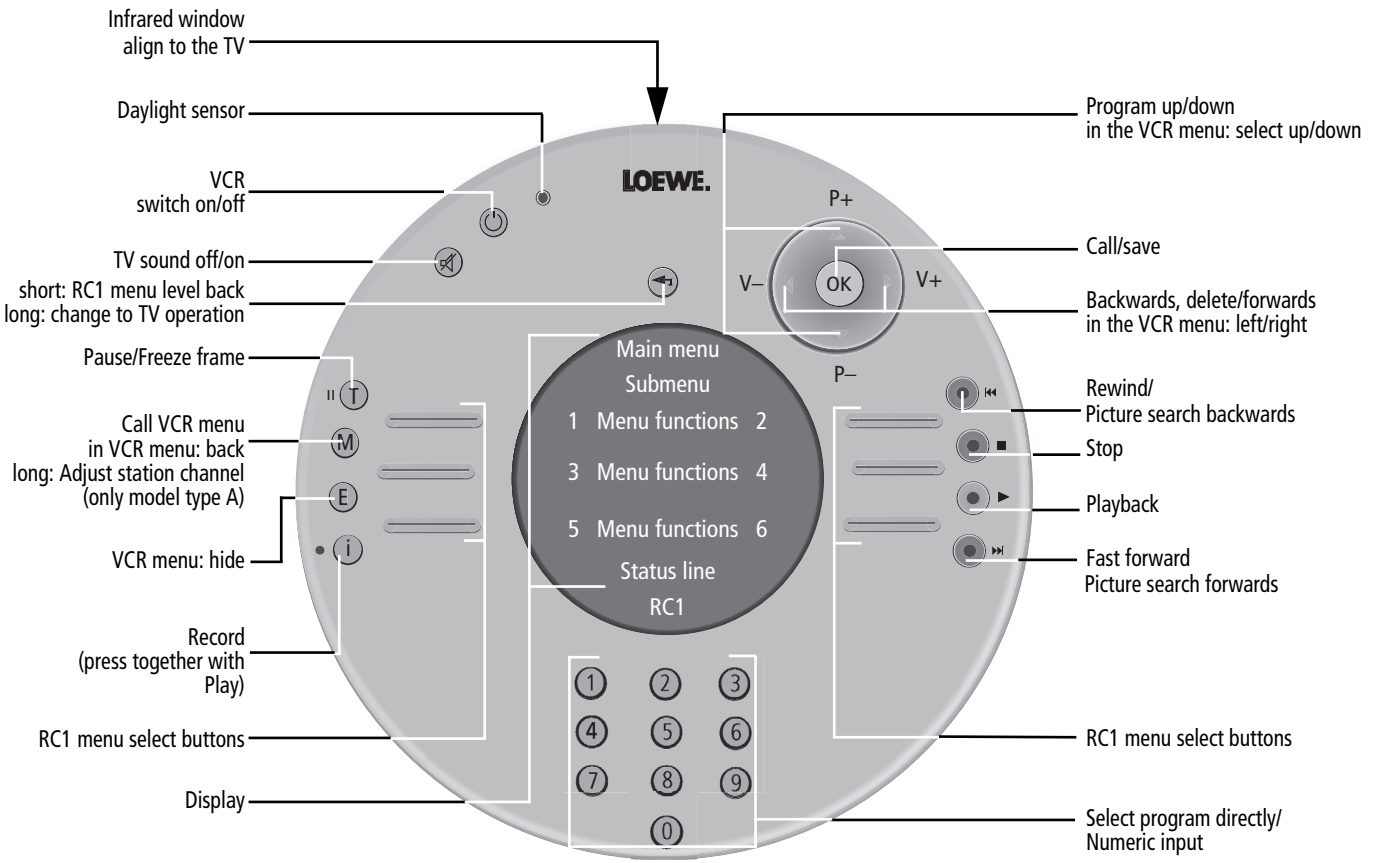
DVD
Shows the selected device (DVD).

Scroll...
Turns back to the previous page of the DVD menu.
(→ DVD external: Functions, Fig. 1)

VCR

Loewe video recorders are based depending on their equipment, requirements etc. on various electronic platforms which are operated by different infrared commands. If the RC1 is not able to operate your Loewe video recorder, please contact your Loewe dealer. The two platform types are dealt with separately on the following pages. Please note the appropriate model designation.

Buttons



Overview

select with:
Video

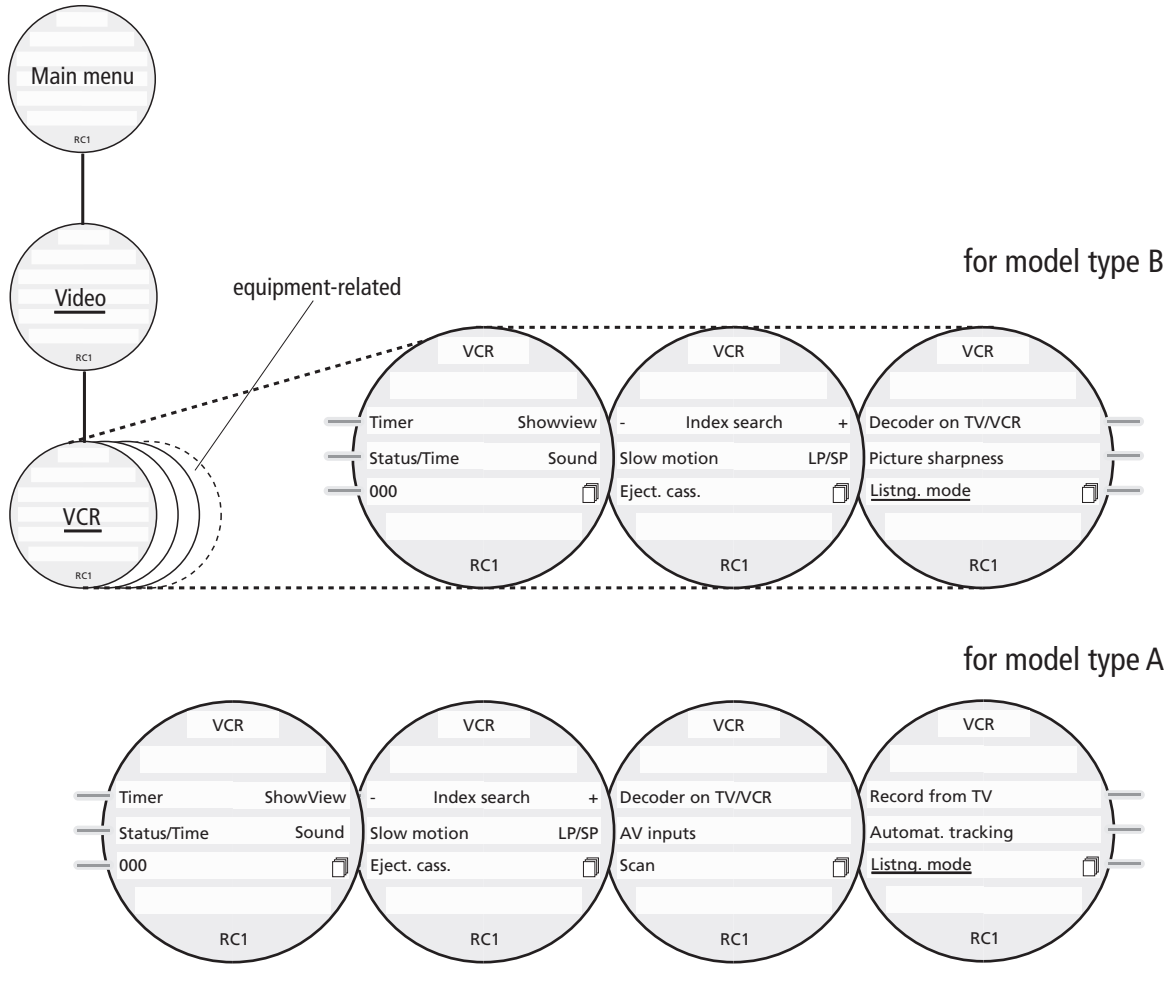
select with:
VCR

scroll with:

back with:

scroll with:

back with:



Model type A

ViewVision 31xx, 33xx, 51xx, 53xx, 60xx

Centros 60xx, 61xx, 62xx, 73xx

Functions

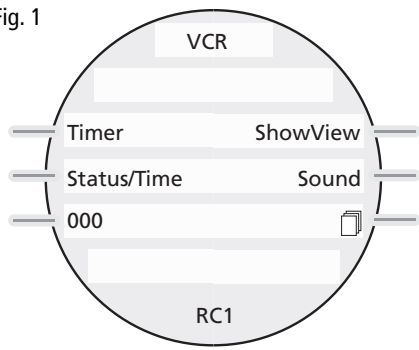
The specified functions describe different setting options of the above mentioned device types. Depending on the equipment and device it might be that individual functions are not available. In the case of older devices especially, operating errors may occur resulting from a further development of the infrared command. In this case you can try to log in your VCR as a new device. See the "New devices (add)" chapter to find out how this works.

Timer
Switches to timer record standby. Press the button again to interrupt the function.

Status/Time
Shows status and time information.

000
Resets the counting time of the video drive to zero.

Fig. 1



ShowView
Calls the ShowView input menu.

Sound
Switches between the different sound settings. (L+R / L / R / mono)

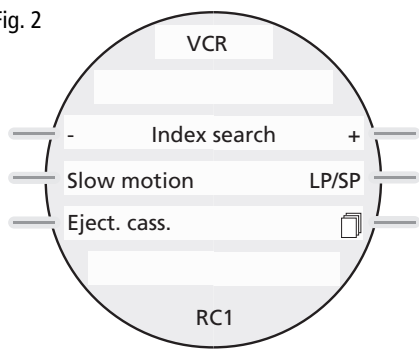
Scroll...
Turns over to the second page.
(→ VCR/model type A, Fig. 2)

Index search -
Rewinds to previous index mark.

Slow motion
Switches on the slow motion function. Press the yellow button to continue playback.

Eject cassette
Ejects the inserted cassette.

Fig. 2



Index search +
Fast forwards to the next index mark.

LP/SP
Changes between Long-Play and Standard-Play.

Scroll...
Changes to the third page.
(→ VCR/Model type A, Fig. 3)

Decoder to TV/VCR
Here you set with the VCR switched on whether the decoder connected there is used by the VCR or by the TV set.

AV inputs
Switches between the inputs of the VCR.

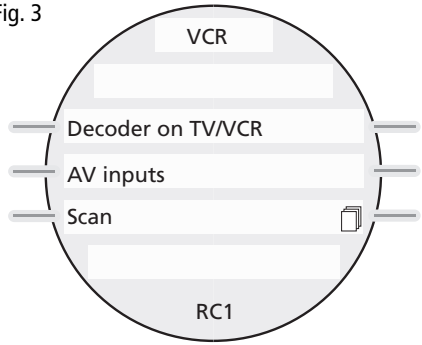
Scan
Plays the first few seconds of a recording and then fast forwards to the next index mark. Press the yellow button to continue playback.

Record from TV
Records the TV program currently being shown.

Automat. tracking
Switches the automatic tracking back on after manual tracking adjustment.

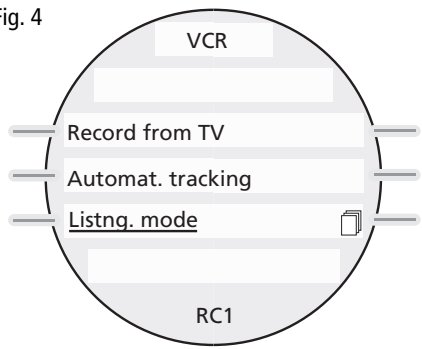
Listening mode
Changes to the Listening mode menu.
(→ Listening mode, Fig. 1)

Fig. 3



Scroll ...
Changes to the fourth page.
(→ VCR/Model type A, Fig. 4)

Fig. 4



Scroll...
Turns back to the first page.
(→ VCR/Model type A, Fig. 1)

Model type B

ViewVision 21xx, 23xx, 42xx, 43xx, 63xx

Functions

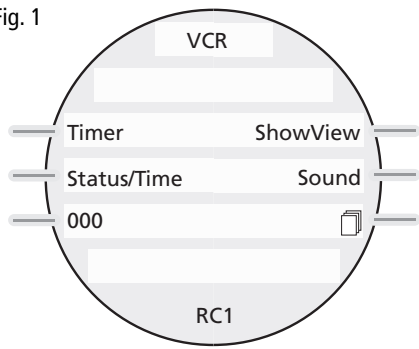
The specified functions describe various setting options of the above mentioned device types. Individual functions may not be available depending on the equipment and device. With older devices especially, operating errors may occur resulting from a further development of the infrared commands. In this case you can try to log in your VCR as a new device. See the chapter "New devices (add)" to find out how this works.

Timer
Switches to the VCR's timer menu.

Status/Time
Switching counter / elapsed time / remaining time.

000
Resets the counter of the video drive to zero.

Fig. 1



ShowView
Calls the ShowView input menu.
Return with "E" key

Sound
Switches between the different sound settings. (L+R / L / R / mono)

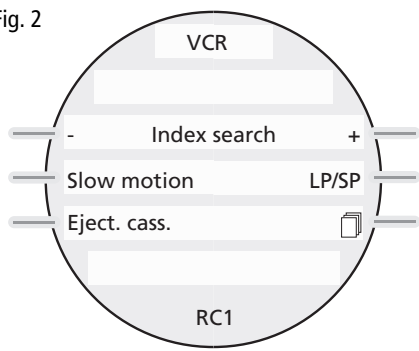
Scroll...
Turns over to the second page.
(→ VCR/Model type B, Fig. 2)

Index search -
Rewinds to the previous index mark.

Slow motion
Switches on the slow motion function. Press the yellow button to continue playback.

Eject cassette
Ejects the loaded cassette.

Fig. 2



Index search +
Fast forwards to the next index mark.

LP/SP
Changes between Long-Play and Standard-Play.

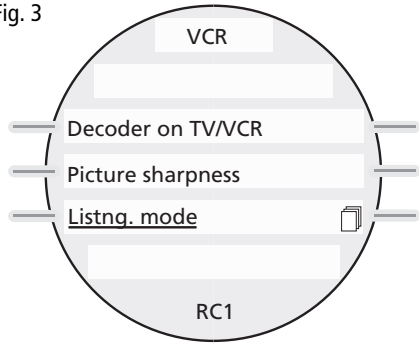
Scroll...
Turns over to the third page.
(→ VCR/Model type B, Fig. 3)

Decoder to TV/VCR
Here you set with the VCR switched on whether the decoder connected there is used by the VCR or the TV set.

Picture sharpness
Corrects the picture sharpness. Different picture sharpness parameters are set one after another by repeatedly pressing.

Listening mode
Changes to the Listening mode menu.
(→ Listening mode, Fig. 1)

Fig. 3



Scroll...
Turns back to the first page.
(→ VCR/Model type B, Fig. 1)

D-BOX

Overview (operate/progr.)

scroll with:

select with:
VIDEO
Adjust

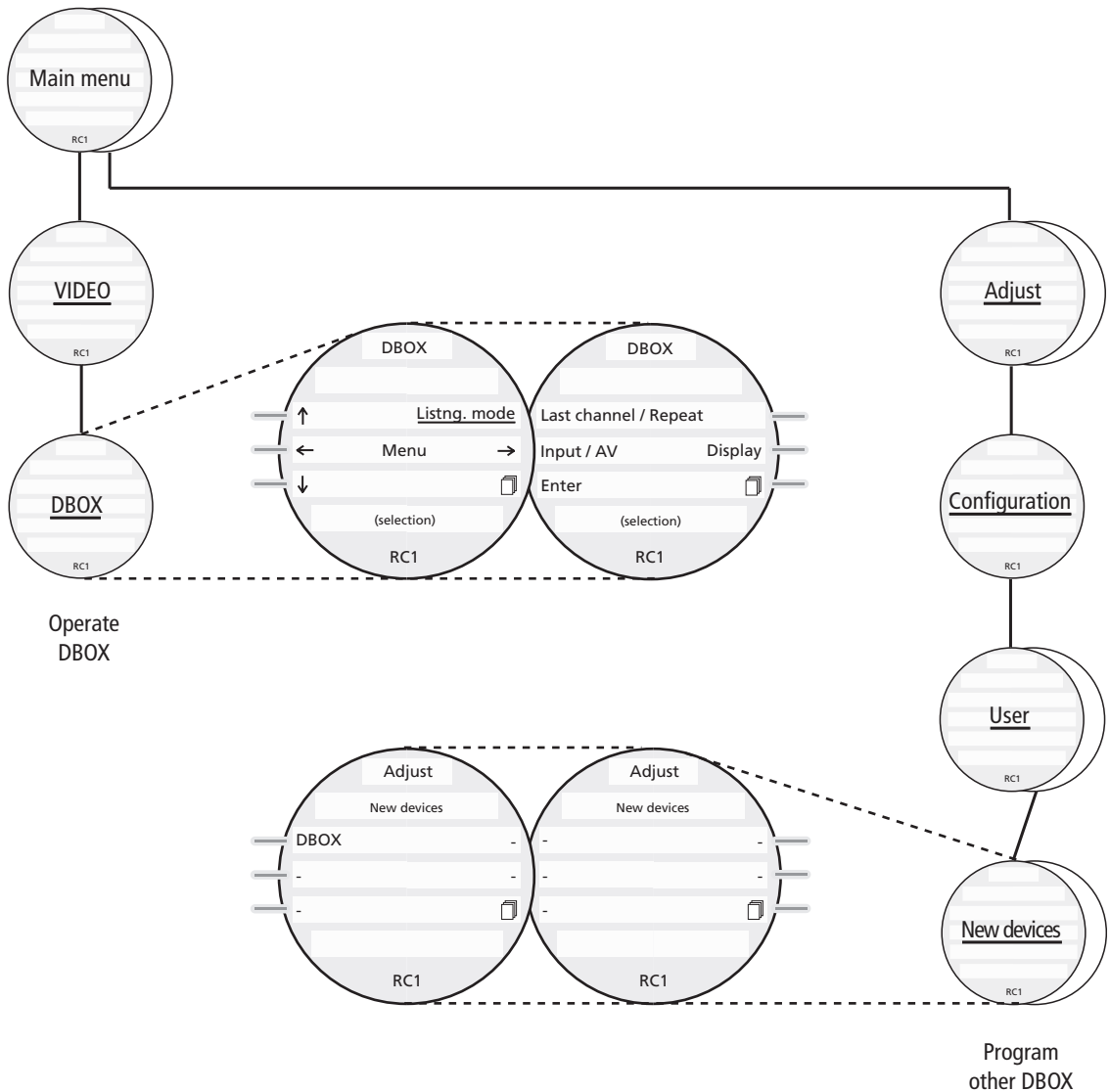
select with:
DBOX
Configuration

select with:
User

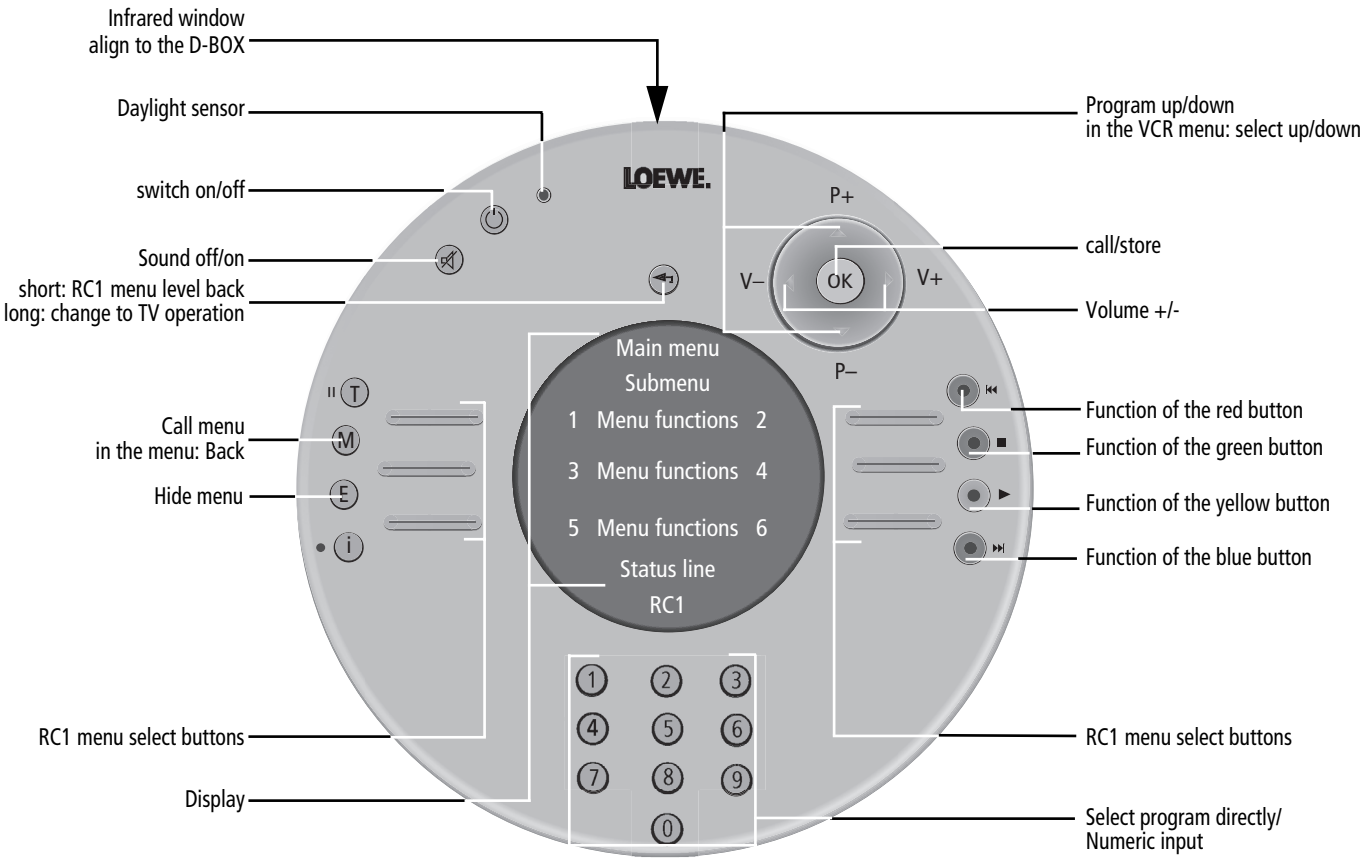
scroll with:

select with:
New devices

back with:



Buttons


Infrared window
align to the D-BOX
Daylight sensor
switch on/off
Sound off/on
short: RC1 menu level back
long: change to TV operation
Call menu
in the menu: Back
Hide menu
RC1 menu select buttons
Display
Program up/down
in the VCR menu: select up/down
call/store
Volume +/-
Function of the red button
Function of the green button
Function of the yellow button
Function of the blue button
RC1 menu select buttons
Select program directly/
Numeric input
LOEWE.
P+
V–
OK
V+
P–
Main menu
Submenu
1 Menu functions 2
3 Menu functions 4
5 Menu functions 6
Status line
RC1

Functions

In the ex-factory state the RC1 can operate the Nokia D-BOX 2. If you have another D-BOX you can overwrite the existing settings using the integrated database. The D-BOX is therefore in an in-between position. It is listed in the Video menu under Loewe devices although it does not belong to the Loewe devices and like other devices made by other manufacturers has to be taught in first.

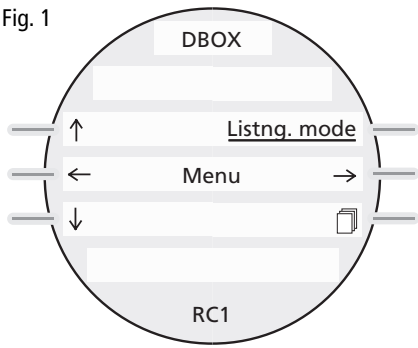
The illustrated operating functions originate from the menu for new devices. The operating functions may have different commands depending on which D-BOX is connected.

Arrow (up)
Menu Navigation up.

Arrow (left)
Menu Navigation left.

Arrow (down)
Menu Navigation down.

Fig. 1



Listening mode
Changes to the Listening mode menu.
(→ Listening mode, Fig. 1)

Arrow (right)
Menu Navigation right.

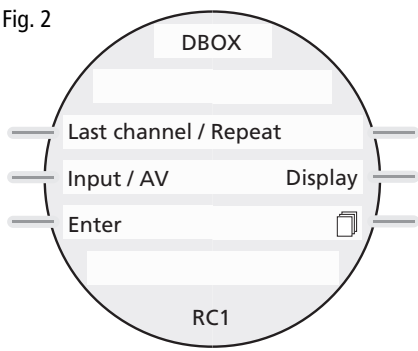
Scroll...
Turns over to the second page.
(→ D-BOX, Fig. 2)

Last Channel / Repeat
Changes to the previously set station or executes a repeat function.
(↗ D-BOX)

Input / AV
Switches between different reception sources.

Enter
Executes the "Enter" function or confirms a setting that has been made.

Fig. 2



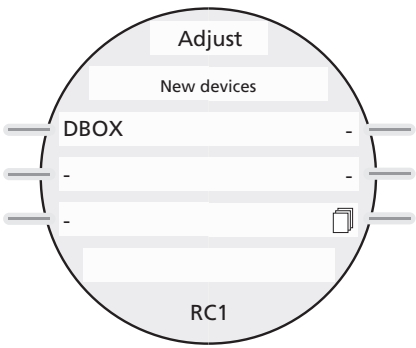
Display
Executes the display function.
(↗ D-BOX)

Scroll...
Turns back to the first page.
(→ D-BOX, Fig. 1)

Program

In the "New devices (add)" menu you will find the pre-programmed entry "DBOX". This contains the settings for the Nokia D-BOX 2. If you select this entry you can save a new D-BOX in the same place. Your first entry under "New devices (operate)" is therefore already reserved for the D-BOX. The settings made under "New devices (add)" are linked to the position D-BOX in the video menu by a link (reference). This produces the unusual situation that you can operate the D-BOX both via the Video menu and via the DBOX entry in the "New devices" menu. To change the pre-programmed D-BOX format, scroll to page 2 of the main menu, first select Adjust and then Configuration. Select User and scroll to page 2 of the menu. Select the entry New devices. If you have done everything right, the RC1 menu illustrated below appears. The way described above is shown again graphically in the chapter "New devices (add)".

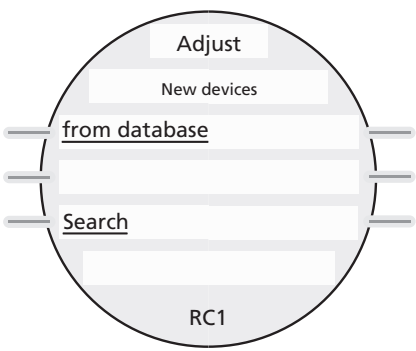
DBOX
The codes for your D-BOX are programmed at this point. If you have a different D-BOX to the Nokia D-BOX 2, you can select the entry and overwrite it with other D-BOX codes. Pressing the button takes you directly to the database. Have the type and device list ready. It is at the end of this manual.



from database
Select the database. Enter device type 3 and the code of your D-BOX.
(→ Code list Europe/USA)

If more than one code is specified for your device, you may have to try out several.
(→ from database)

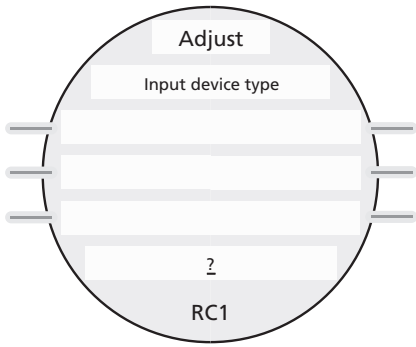
Search
If you cannot find your manufacturer in the list or you have difficulty entering the code, you can search the database systematically for it. (→ Search)



from database

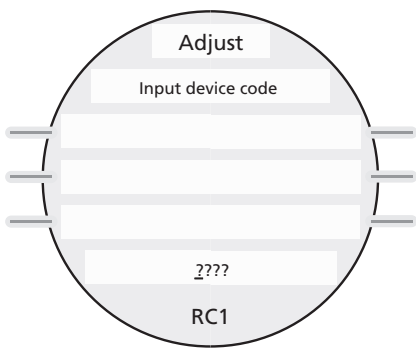
Input device type

?
Input device type 3 for D-BOX with the numeric buttons of the RC1. The question mark is replaced by a number after entering. The RC1 changes to the next input prompt (See: Code list).
(→ Input device code)



Input device code

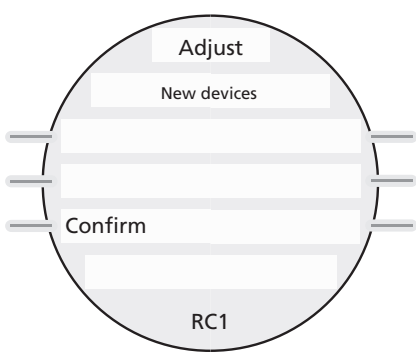
????
Input the appropriate device no. with the numeric buttons of the RC1. After every input, the question marks are replaced by a number. The RC1 changes to the next menu (See: Code list).



Confirm?

Confirm
When you have made the settings you want to, press "Confirm" to save your new D-BOX.
(→ Entry complete)

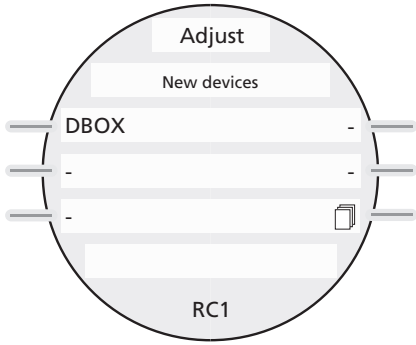
Press the "Scroll back" button above the display if you want to make new settings. Incorrect entries can also be overwritten afterwards.



Entry complete

DBOX
After programming, the RC1 returns to the initial menu "New devices". Nothing should have changed in the display even after programming. DBOX is in the first line. This represents the settings of your D-BOX.

Exit the Adjustments menu to operate the D-BOX.



Adjust

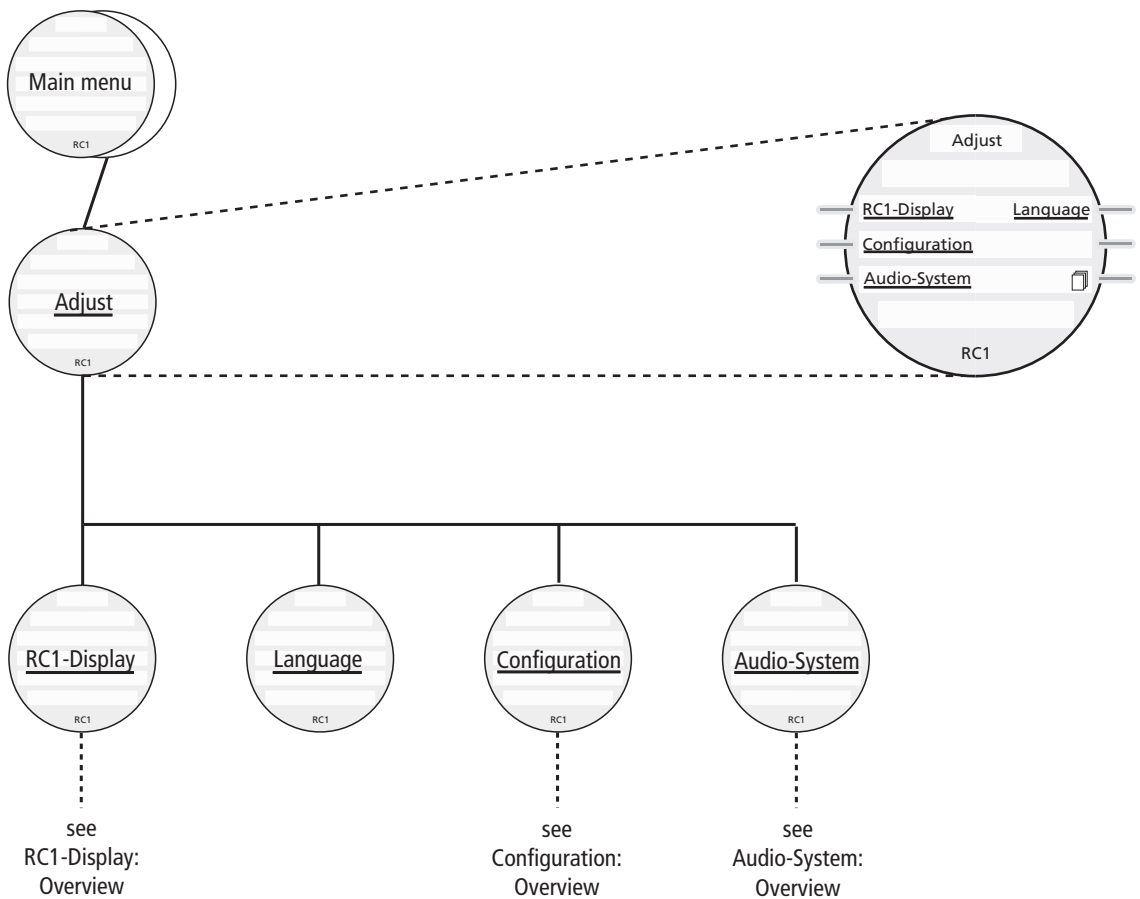
Overview

scroll with:

select with:
Adjust

select with:
RC1-Display
Language
Configuration
Audio-System

back with:



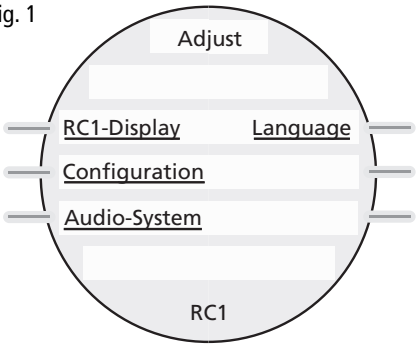
Functions

RC1 display
Changes to the RC1 display menu.
(→ RC1 display)

Configuration
Changes to the Configuration menu.
(→ Configuration)

Audio system
Changes to the Audio system menu.
(→ Audio system)

Fig. 1



Language
Changes to the Language menu.
(→ Language)

RC1 display

Overview

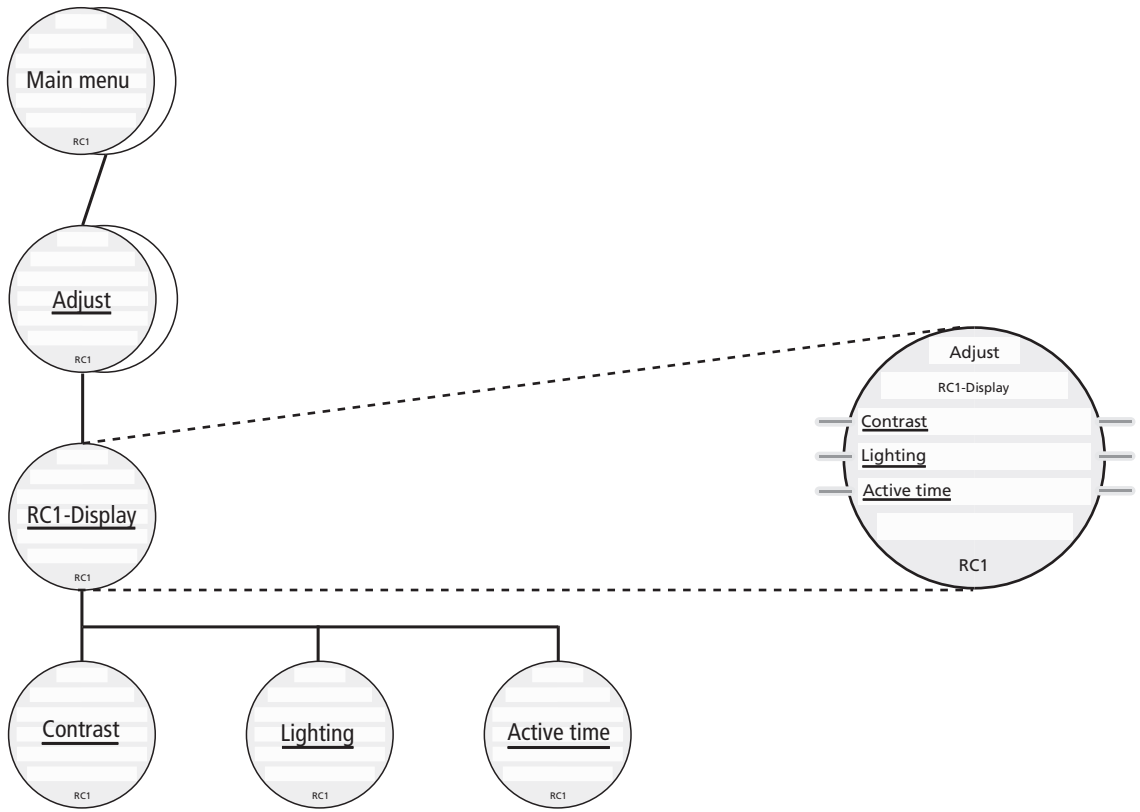
scroll with:

select with:
Adjust

select with:
RC1-Display

select with:
Contrast
Lighting
Active time

back with:

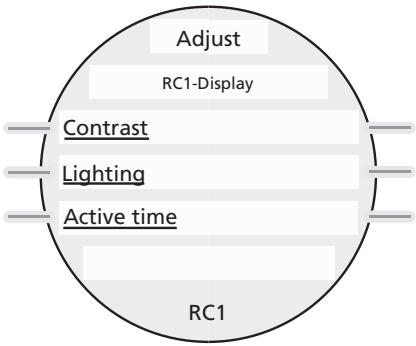


Functions

Contrast
Changes to the Contrast menu.
(→ Contrast)

Lighting
Changes to the Lighting menu.
(→ Lighting)

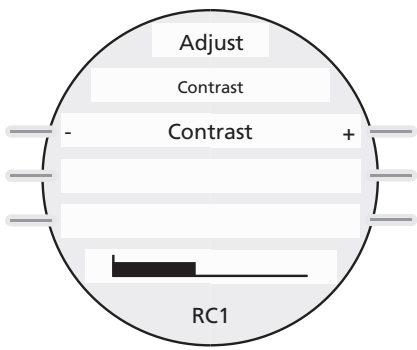
Active time
Change to the Active time menu.
(→ Active time)



Contrast

Contrast -
Reduces the contrast between the background and the text in the RC1 display. The status line shows the current setting as a bar as soon as you change the contrast.

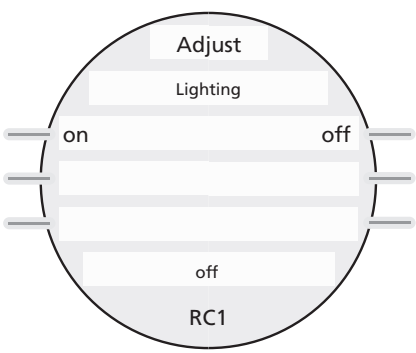
Set the contrast so that the background is as light as possible and the text as dark as possible. The optimum setting depends on the usual angle of observation and ambient light.



Contrast +
Increases the contrast between the background and text of the RC1 display. The status line shows the current setting as a bar as soon as you change the contrast.

Lighting

on
On activating the display the background lighting switches on. The status line displays "on".



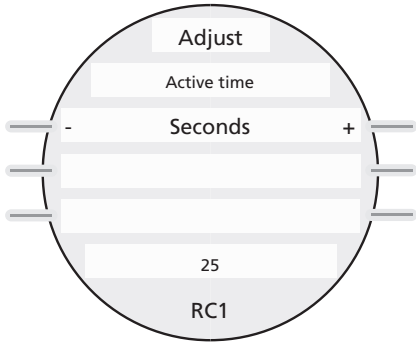
off
On activating the display the background lighting does not switch on. The status line displays "off".

Active time

Seconds -
Reduces the active time of the RC1 display by one second per press of the button. The status line shows the current setting as a numeric value between 15 and 40 seconds.

Note:

The setting of the active time regulates the time the RC1 display stays on every time a menu select button is pressed.

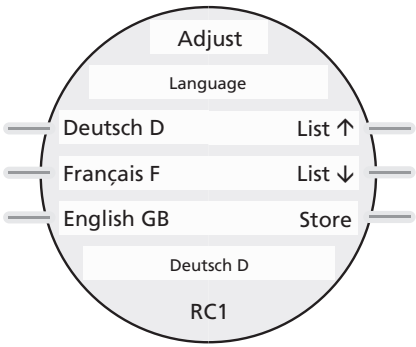


Seconds +
Increases the active time of the RC1 display by one second per press of the button. The status line shows the current setting as a numeric value between 15 and 40 seconds.

Language

Functions

Deutsch D
With "Deutsch D" German is selected as the menu language for the RC1 menu and for the display of the Certos.



List (up)
Scrolls the list of languages up.

List (down)
Scrolls the list of languages down.

Store
Confirms the last language selected and switches over the display.

Configuration

Overview

scroll with:

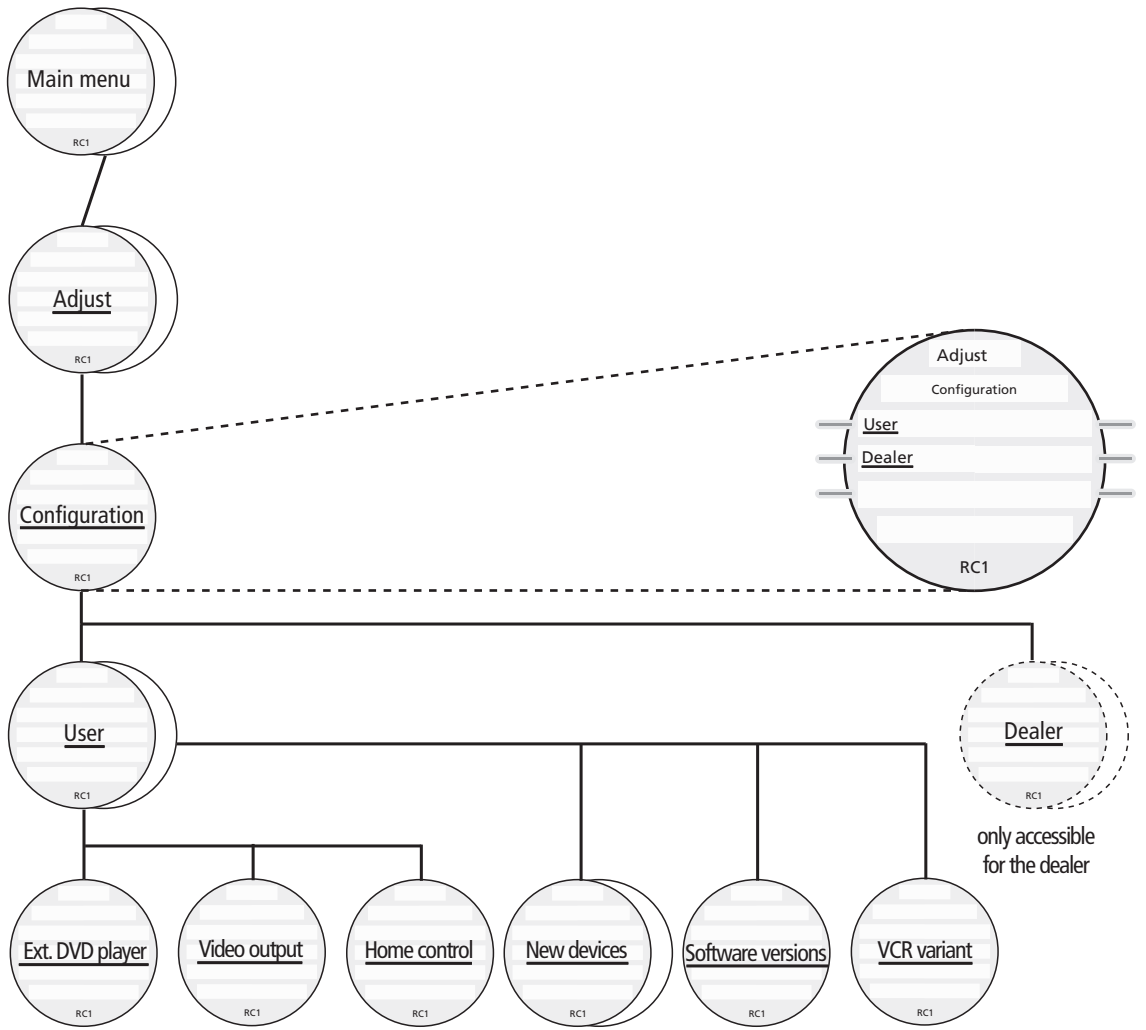
select with:
Adjust

select with:
Configuration

select with:
User
Dealer

select with:
Ext. DVD player
Video output
Home control
New devices
Software versions

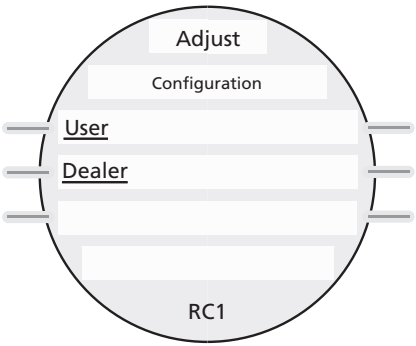
back with:



Functions

User
Changes to the user menu. There you will find configurations which you can change as you wish.
(→ User)

Dealer
Changes to the Dealer menu. This menu is only accessible to your dealer.
(→ Adjustments for dealers)



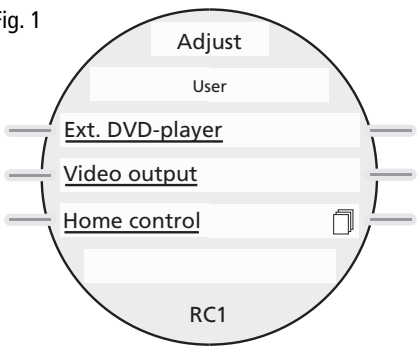
User

Ext. DVD player
Changes to the ext. DVD player menu. There you can select whether you have connected an external DVD player.
(→ Ext. DVD player)

Video output
Changes to the video output menu. There you can select the type of video output signal.
(→ Video output)

Home control
Changes to the Home control menu. There you can enter the system number for your Home control system.
(→ Home control)

Fig. 1



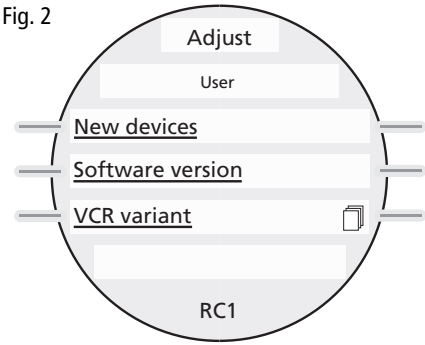
Scroll...
Turns over to the next page of the User menu.
(→ User, Fig. 2)

New device
Changes to the New device menu. There you can select new devices from the database or remove existing devices.
(→ Ext. DVD player)

Software version
Changes to the software version menu. There you see the software version of your Loewe components.
(→ Software version)

VCR variant
Changes to the VCR variant menu. There you can switch over the type of your VCR.
(→ Software version)

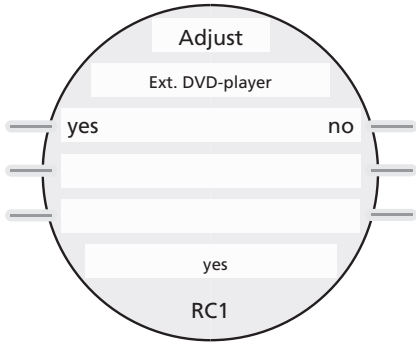
Fig. 2



Scroll...
Turns back to the previous page of the user menu.
(→ User, Fig. 1)

Ext. DVD player

yes
Select "yes" when you have connected an additional DVD player to the Loewe Audio/Video system Certos. Your selection is displayed in the status line.

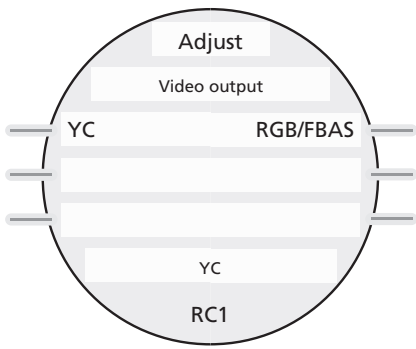


no
Select "no" when you have not connected an additional DVD player to the Loewe Audio/Video system Certos. Your selection is displayed in the status line.

Video output

YC
Select the signal format which is to be output by the Loewe Audio/Video system Certos.

YC supplies separate signals for brightness and colour. It is usually transmitted via the mini-DIN socket. Your selection is displayed in the status line.

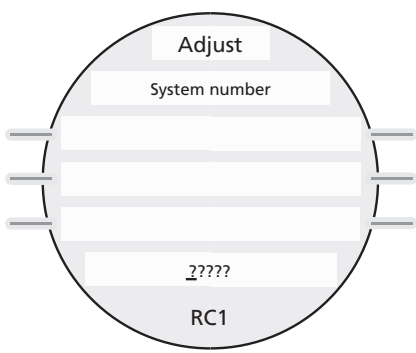


RGB/FBAS
Select the signal format which is to be output by the Loewe Audio/Video system Certos.

RGB supplies separate colour signals for red, green, blue. FBAS is a composite signal. Both are usually transmitted via the Scart socket. Your selection is shown in the status line.

Home Automation

System number
Here you enter the system number of your Loewe Home Automation. The system number is contained in the Wireless Home Automation Starter Set and serves for unambiguous assignment between transmitter and receiver.



?????
The status line first displays five question marks as space holders. The cursor below the first question mark indicates the current input position.

If you enter the system number with the numeric keys of the RC1, the respective question mark is replaced by a number and the cursor changes to the next position.

If you enter no or an invalid number, "unsuccessful" appears in the status line.

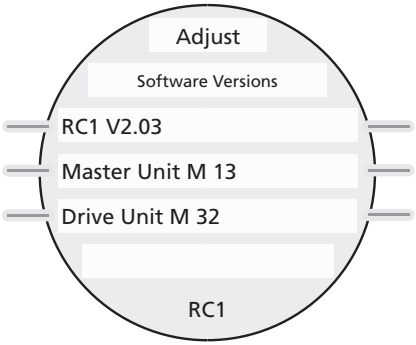
Software Versions

RC1 V2.03
Shows the software version of your RC1.

Master Unit M 13
Shows the software version of your Certos Master Unit.

Drive Unit M 32
Shows the software version of your Certos DVD-Unit.

The software versions of the Loewe Certos are only displayed if you really do have such a device.

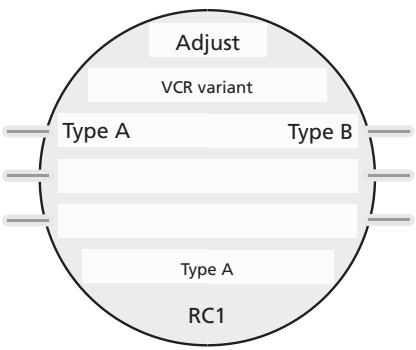


The software version of your components can usually be updated accordingly as required. Ask your Loewe dealer if you want to add additional equipment.

VCR variant

Type A
Selects the device type A.

Note
The RC1 operates two types of Loewe video recorders which are based on different platforms and controlled by different infrared codes. You can find out which device type you have in chapter VCR.
(→ VCR)



Type B
Selects device type B.

Type A
Displays the selected device type.

Audio System

Overview

scroll with:

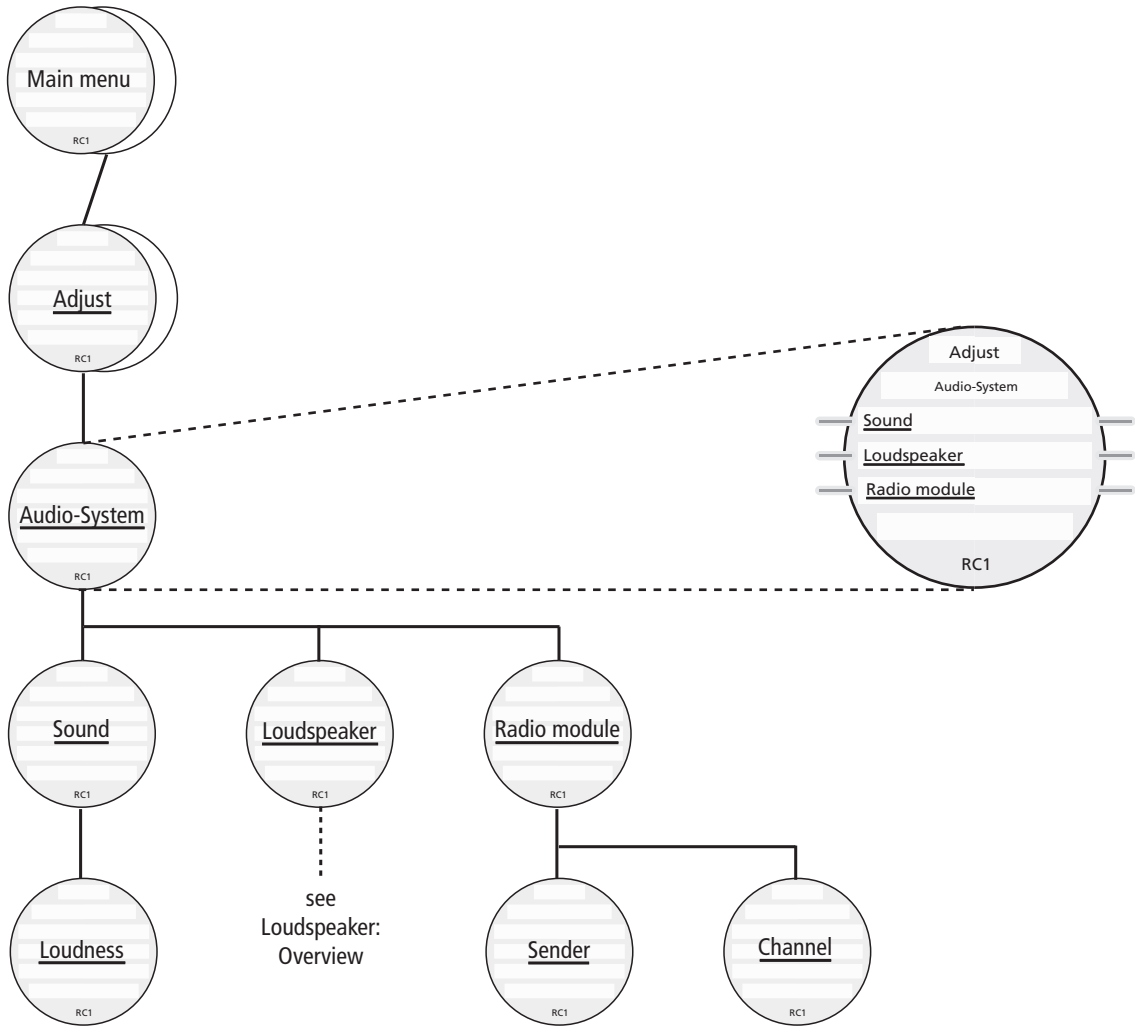
select with:
Adjust

select with:
Audio-System

select with:
Sound
Radio module
Loudspeaker

select with:
Loudness
Sender
Channel

back with:

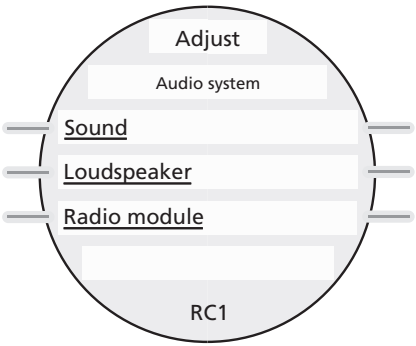


Functions

Sound
Changes to the Sound menu.
(→ Sound)

Loudspeaker
Changes to the loudspeaker menu.
(→ Loudspeaker)

Radio module
Changes to the radio menu.
(→ Radio module)

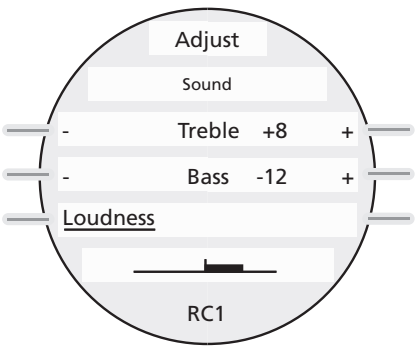


Sound

Treble -
Reduces the treble level by up to 12dB. The set value is displayed constantly in the same line and as a bar in the status line during the setting.

Bass -
Reduces the bass level by up to 12dB. The set value is displayed constantly in the same line and as a bar in the status line during the setting.

Loudness
Changes to the Loudness menu.
(→ Loudness)

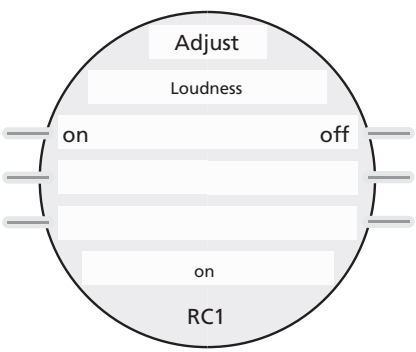


Treble +
Increases the treble level by up to 12dB. The set value is displayed constantly in the same line and as a bar in the status line during the setting.

Bass +
Increases the bass level by up to 12dB. The set value is displayed constantly in the same line and as a bar in the status line during the setting.

Loudness

on
Switches on the dynamic extension "Loudness". Bass and treble are increased automatically to improve the sound impression at low volume. Your selection is displayed in the status line.

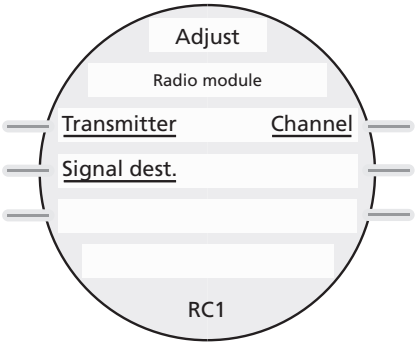


off
Switches off the dynamic extension "Loudness".

Radio module

Transmitter
Changes to the menu of the integrated radio transmitter of the Certos.
(→ Transmitter)

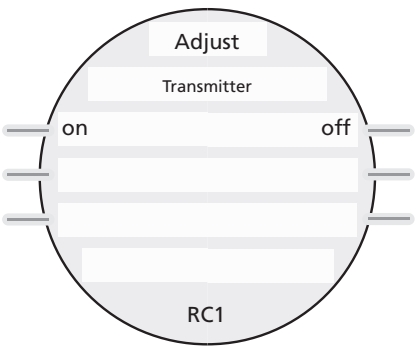
Signal destination
Changes to the signal destination menu.
(→ Signal destination)



Channel
Changes to the channel menu.
(→ Channel)

Transmitter

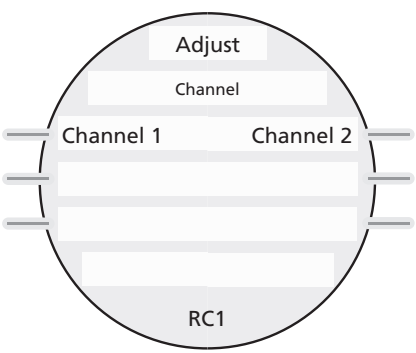
on
Switches on the integrated radio transmitter of the RC1.



off
Switches off the integrated radio transmitter of the RC1.

Channel

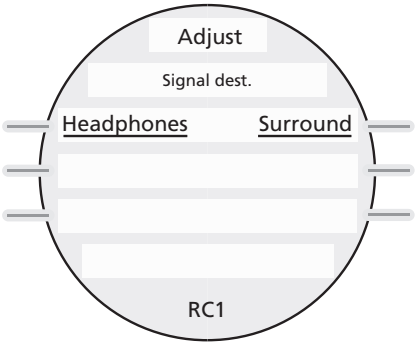
Channel 1
Uses the RF channel 1.



Channel 2
Uses the RF channel 2.

Signal destination

Headphones
Select Headphones if you want to operate a radio headphones with the radio transmitter.



Surround
Select Surround if you want to operate radio surround loudspeakers with the radio transmitter.

Loudspeaker (Certos without Concertos)

Overview

scroll with:

select with:
Adjust

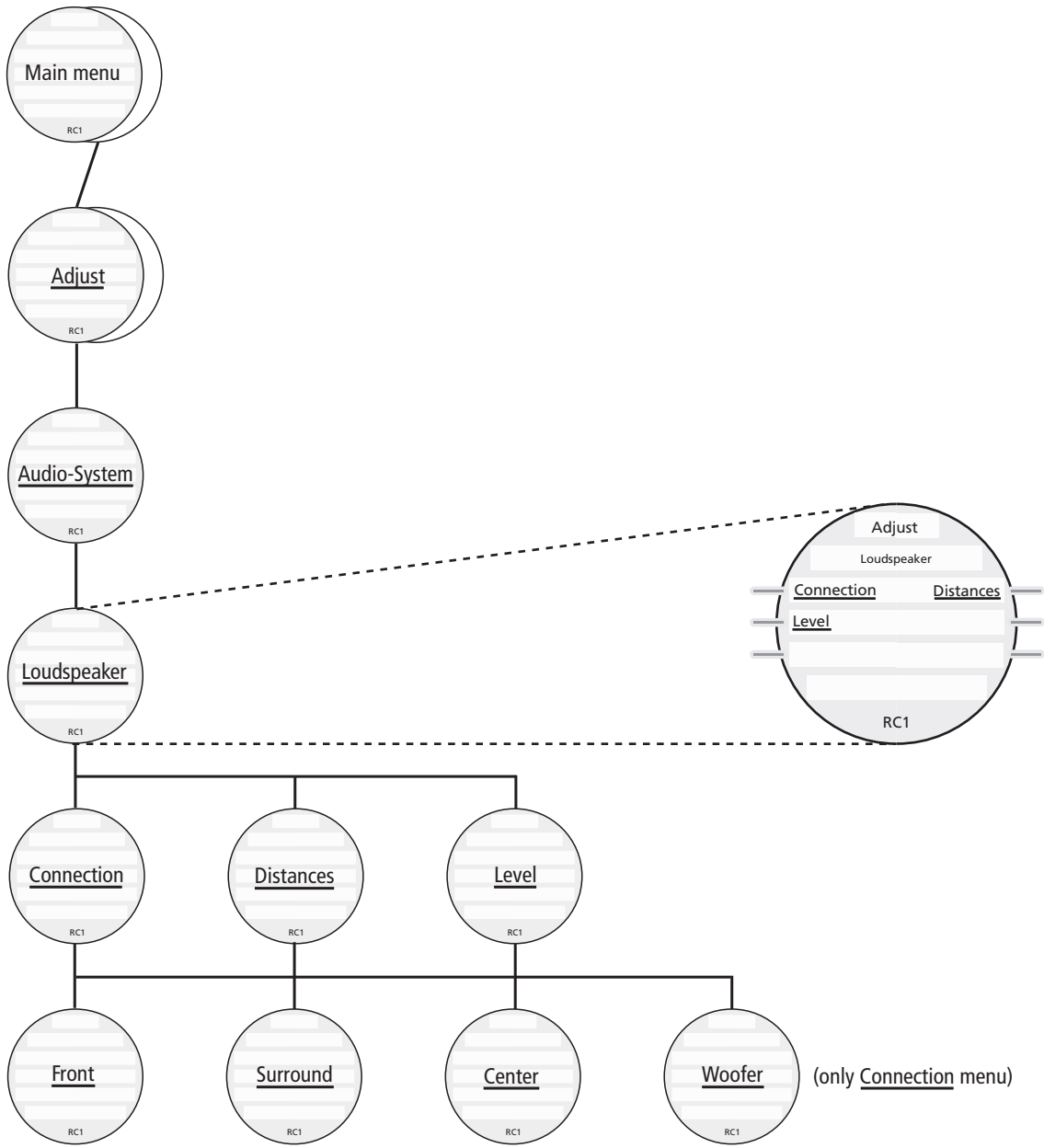
select with:
Audio-System

select with:
Loudspeaker

select with:
Connection
Distances
Level

select with:
Front
Surround
Center
Woofer

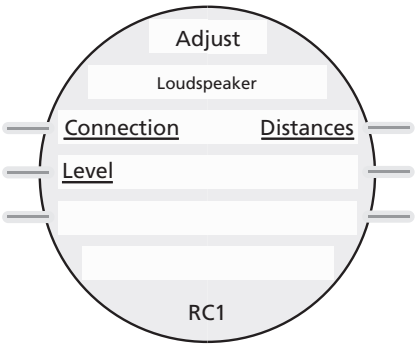
back with:



Functions

Connection
Changes to the Connection menu.
(→ Connection)

Level
Changes to the Level menu.
(→ Level)



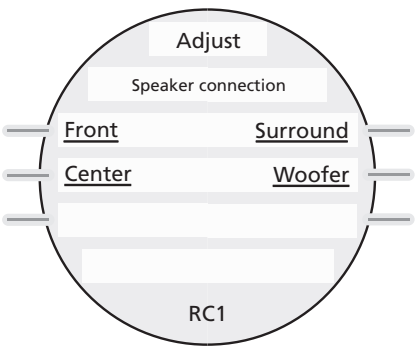
Distances
Changes to the Distances menu.
(→ Distances)

Loudspeaker connection

Front
Changes to the appropriate Front menu.
(→ Front)

Center
Changes to the appropriate Center menu.
(→ Center)

Attention:
The menu names "Front", "Surround", etc. occur frequently in the RC1 and in this manual. The description is given respectively on the pages immediately after.

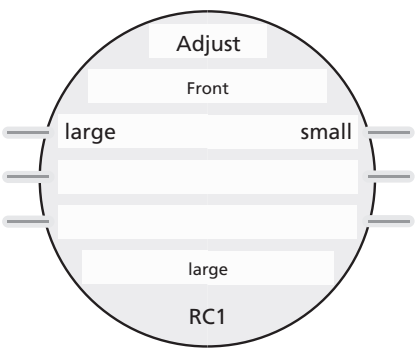


Surround
Changes to the appropriate Surround menu.
(→ Surround)

Woofer
Changes to the appropriate Woofer menu.
(→ Woofer)

Front

large
For loudspeakers with very good bass reproduction, e.g. Loewe L2A (stand loudspeaker). The basses are distributed according to the loudspeakers used. The selection made is shown in the status line.

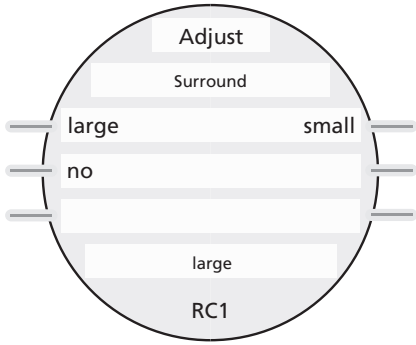


small
For loudspeakers with good bass reproduction, e.g. Loewe L82A (shelf and wall loudspeakers). The basses are distributed according to the loudspeakers used. The selection made is displayed in the status line.

Surround

large
For loudspeakers with very good bass reproduction, e.g. Loewe L2A (stand loudspeaker). The basses are distributed according to the loudspeakers used. The selection made is displayed in the status line.

no
Select this setting if you have not connected any Surround loudspeakers. The selection made is displayed in the status line.



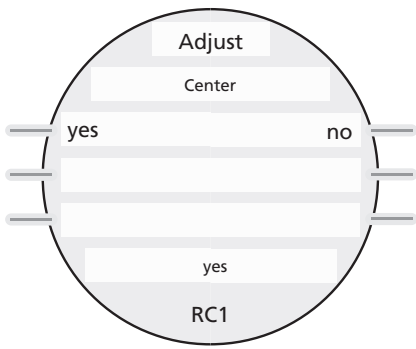
small
For loudspeakers with good bass reproduction, e.g. Loewe L82A (shelf and wall loudspeakers). The basses are distributed according to the loudspeakers used. The selection made is displayed in the status line.

Center

yes
Select this setting when you have connected a Center loudspeaker.

The center is between the two front loudspeakers and takes over a large part of the voice reproduction in Dolby Digital Surround recordings.

The selection made is displayed in the status line.



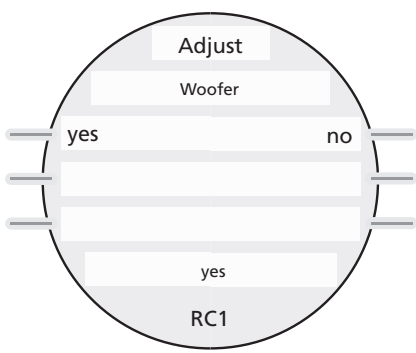
no
Select this setting if you have not connected a center loudspeaker. The selection made is displayed in the status line.

Woofer

yes
Select this setting if you have connected a woofer.

Woofers and subwoofers are particularly suitable for bass and deep bass reproduction. They support your audio system in the reproduction of voluminous bass passages.

The selection made is displayed in the status line.

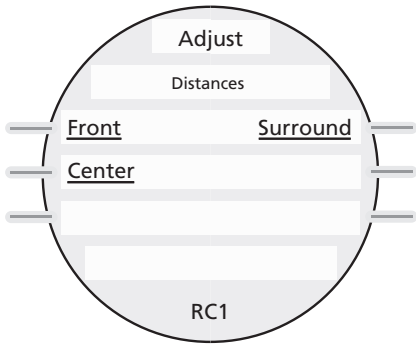


no
Select this setting if you have not connected a woofer. The selection made is displayed in the status line.

Distances

Front
Changes to the appropriate Front menu.
(→ Front)

Center
Changes to the appropriate Center menu.
(→ Center)



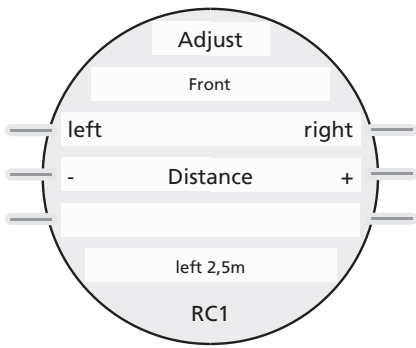
Surround
Changes to the appropriate Surround menu.
(→ Surround)

Attention:
The menu names "Front", "Surround", etc. occur frequently in the RC1 and in this manual. The description is given respectively on the pages immediately following.

Front

left
Selects the left front loudspeaker for setting the distance.

Distance -
Reduces the set distance value of the selected front loudspeaker.



right
Selects the right front loudspeaker for setting the distance.

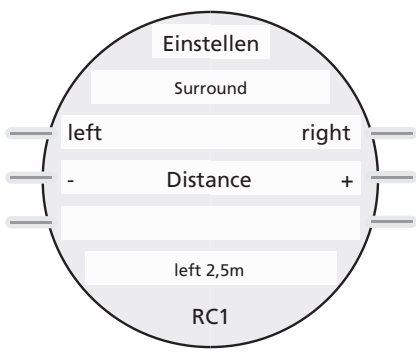
Distance +
Increases the set distance value of the selected front loudspeaker.

left 2.5m
Shows the selected page and the set distance.

Surround

left
Selects the left Surround loudspeaker for setting the distance.

Distance -
Reduces the set distance value of the selected surround loudspeaker.



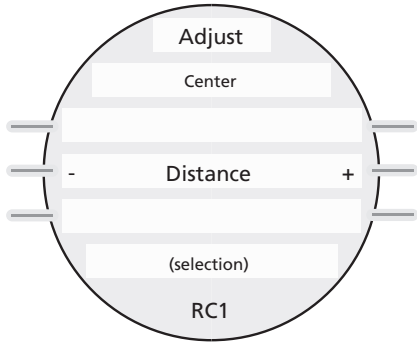
right
Selects the right surround loudspeaker for setting the distance.

Distance +
Increases the set distance value of the selected surround loudspeaker.

left 2.5m
Shows the selected page and the set distance.

Center

Distance -
Reduces the set distance value of the center loudspeaker.



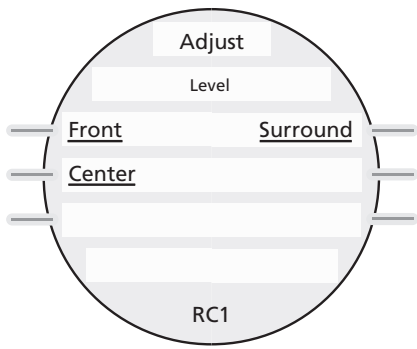
Distance +
Increases the set distance value of the center loudspeaker.

2.5m
Shows the set distance.

Level

Front
Changes to the appropriate front menu.
(→ Front)

Center
Changes to the appropriate Center menu.
(→ Center)



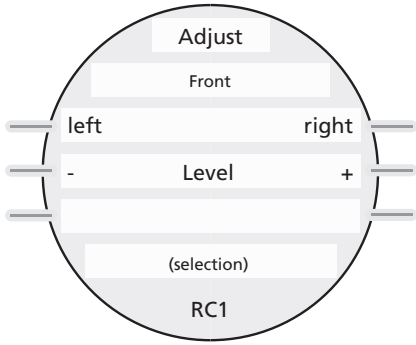
Surround
Changes to the appropriate Surround menu.
(→ Surround)

Attention:
The menu names "Front", "Surround", etc. occur frequently in the RC1 and in this manual. The description is given respectively on the pages immediately following.

Front

left
Selects the left front loudspeaker for setting the level.

Level -
Reduces the set level of the selected front loudspeaker.



right
Selects the right front loudspeaker for setting the level.

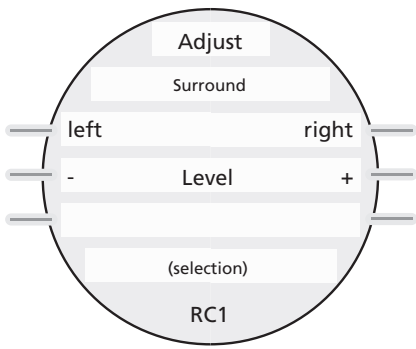
Level +
Increases the set level of the selected front loudspeaker.

(Selection)
Shows either "left" or "right", depending on the current selection and the corresponding levels in "dB".

Surround

left
Selects the left surround loudspeaker for setting the level.

Level -
Reduces the set level of the selected surround loudspeaker.



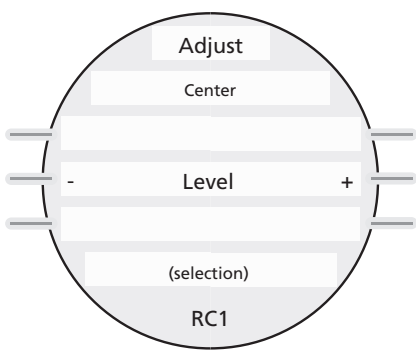
right
Selects the right surround loudspeaker for setting the level.

Level +
Increases the set level of the selected surround loudspeaker.

(Selection)
Shows either "left" or "right" depending on the current selection and the corresponding level in "dB".

Center

Level -
Reduces the set level of the center loudspeaker.



Level +
Increases the set level of the center loudspeaker.

(Selection)
Shows the set level in "dB".

New devices (add)

Overview

scroll with:

select with:
Adjust

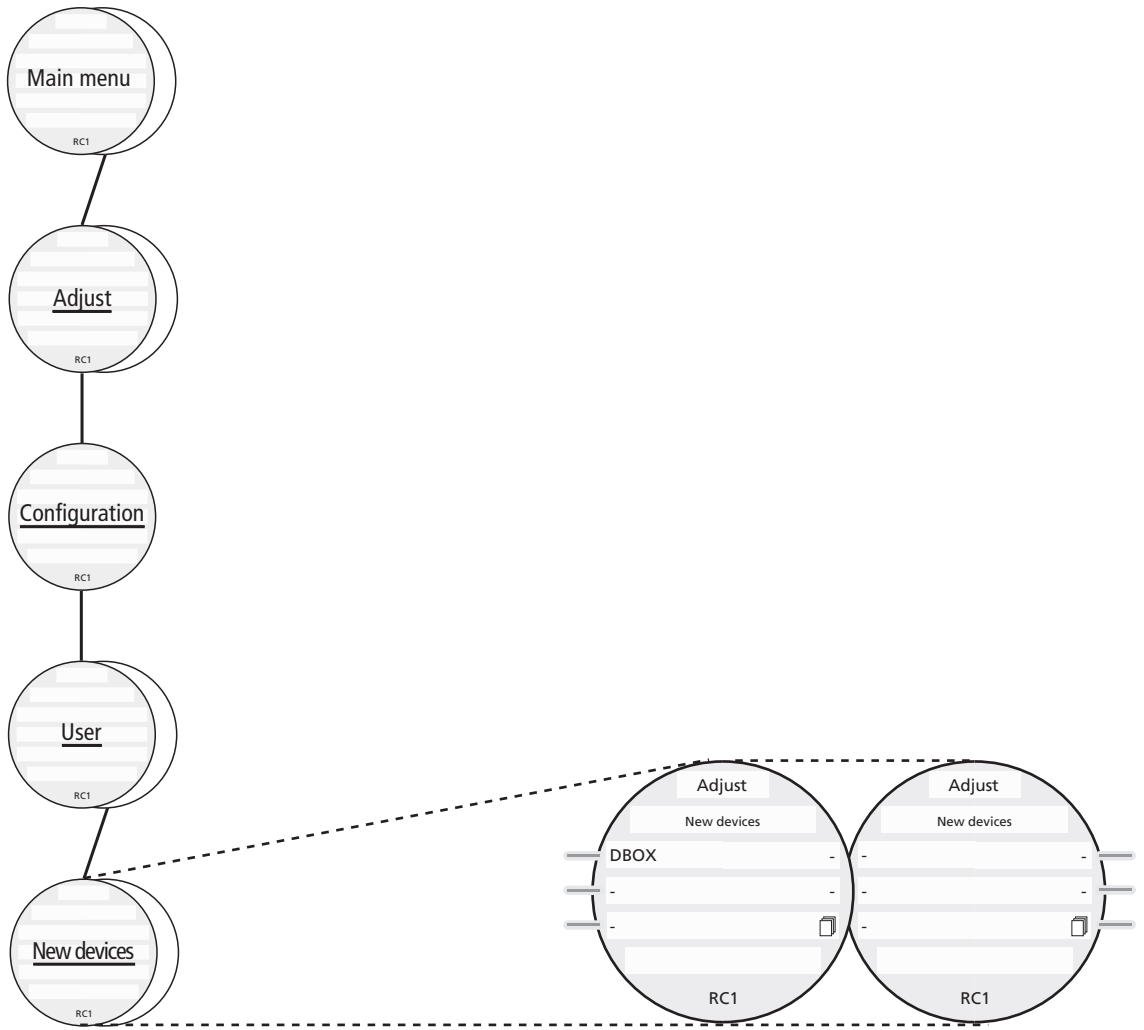
select with:
Configuration

select with:
User

scroll with:

select with:
New devices

back with:

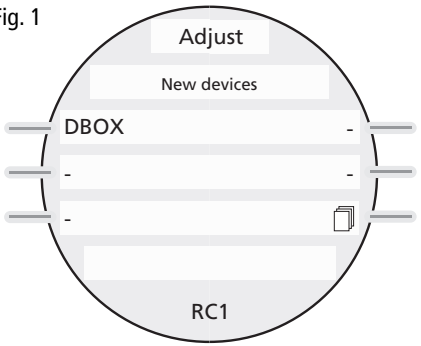


Functions

DBOX
The Nokia D-BOX 2 is already programmed at this point. If you have a different D-BOX, you can select the entry and overwrite it with other D-BOX codes. (→ Search mode)

Pressing the button takes you directly to the database. Keep the type and device list ready. It is at the end of this manual.
(→ Code list Europe/USA)

Fig. 1

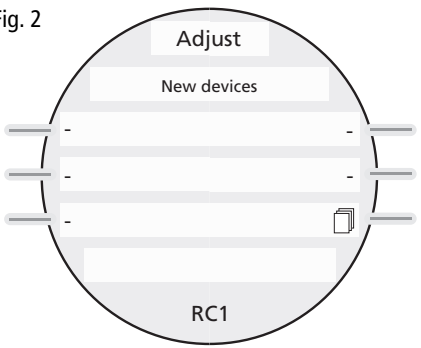


Scroll...
Turns over to the next page.
(→ New devices (add), Fig. 2)

-
The line marks a free device position which you can select with the menu select buttons and occupy with a device via the integrated database.
(→ Search mode)

It is certainly advisable not to use the second menu page until all programmable positions on page 1 are occupied. This saves unnecessary scrolling.

Fig. 2

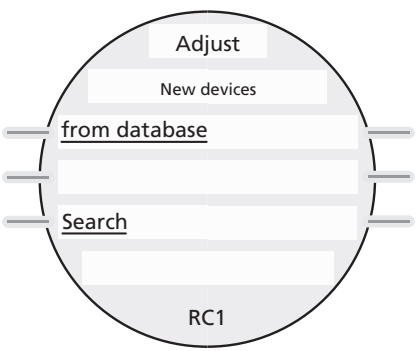


Scroll...
Turns back to the previous page.
(→ New devices (add), Fig. 1)

Search mode

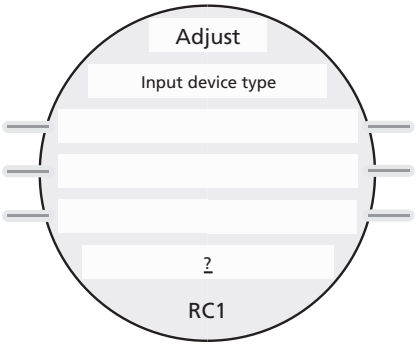
from database
If you find your device type (e.g. laser disc) and its manufacturer (e.g. Pioneer) in the list you can enter the appropriate code manually. If more than one code is specified for your device you may have to try out several.
(→ from the database / enter device type)

Search
If you cannot find your manufacturer in the list or you have difficulty entering the code you can look for it systematically with the RC1. (→ Search)



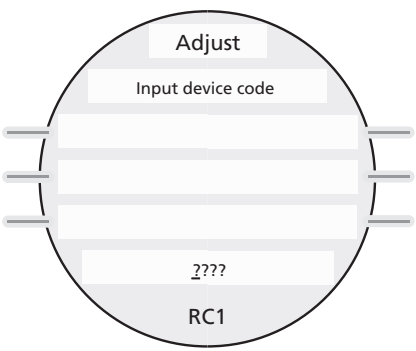
from database

Input device type



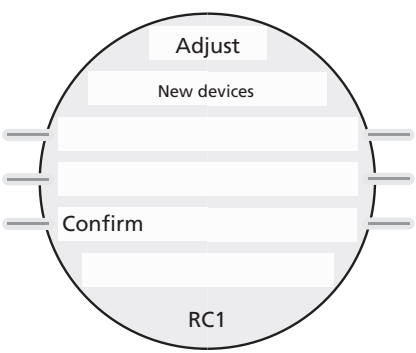
?
Input the appropriate device type with the numeric buttons of the RC1. After the entry, the question mark is replaced by a number. The RC1 changes to the next input prompt.
(→ Input device no.)

Input device number



????
Input the appropriate device numbers with the numeric buttons of the RC1. After every input the question marks are replaced by a number. The RC1 changes to the next menu.

Confirm?



Confirm
When you have made the settings you want, press "Confirm" to save the new device.
(→ Entry complete)

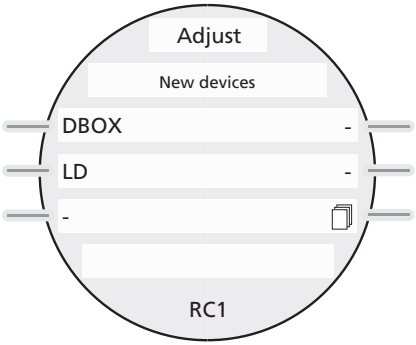
Press the "Scroll back" button above the display if you want to make new settings. Incorrect entries can also be overwritten afterwards.

Entry complete

DBOX
Pre-programmed device position for your D-BOX.

LD
After programming, the RC1 returns to the initial menu "New devices". In place of the marker you then see the newly set device. A laser disc player in our example.

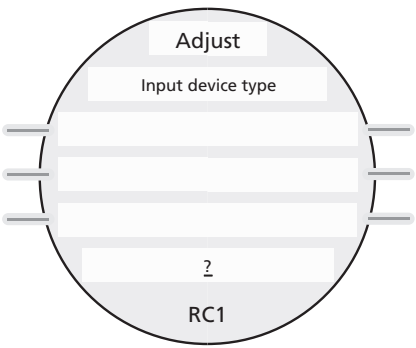
Exit the Adjustments menu to operate the new device with the RC1. Press the next free list position if you want to save another device.



Search

In the Search function, the RC1 suggests different infrared codes which you can try out one after the other by pressing the On/Off key (blue).
(→ Try out codes)

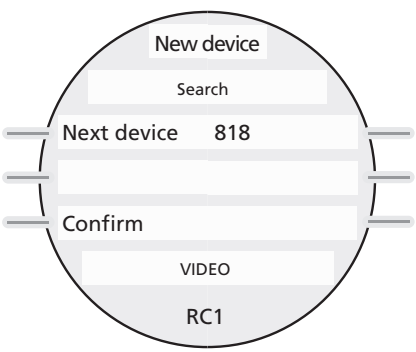
?
Enter the appropriate device type with the numeric buttons of the RC1. After the entry the question mark is replaced by a number.



Try codes

Next device
Select "Next device" when the device to be operated is not to be operated with the code offered.

Confirm
Select "Confirm" when your device has successfully received the infrared signals sent by the RC1. The programmed device type is listed on the second page of the main menu under "New devices".
(→ Entry complete)



818
Shows the number of the infrared code you have just tried out (here: 818). The number changes when you press "Next device".

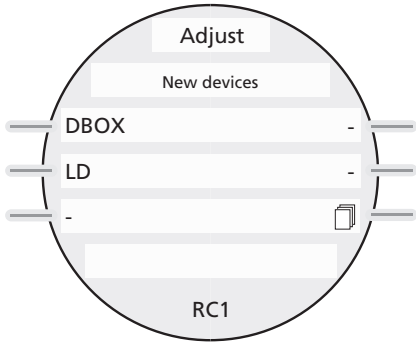
VIDEO
Shows the selected device type.

Entry complete

DBOX
Pre-programmed device position for your D-BOX.

LD
After programming, the RC1 returns to the initial menu "New devices". In place of the marker you now see the newly set device. A laser disc player in our example.

Exit the Adjustments menu to operate the new device with the RC1. Press the next free list position if you want to save another device.



New devices (operate)

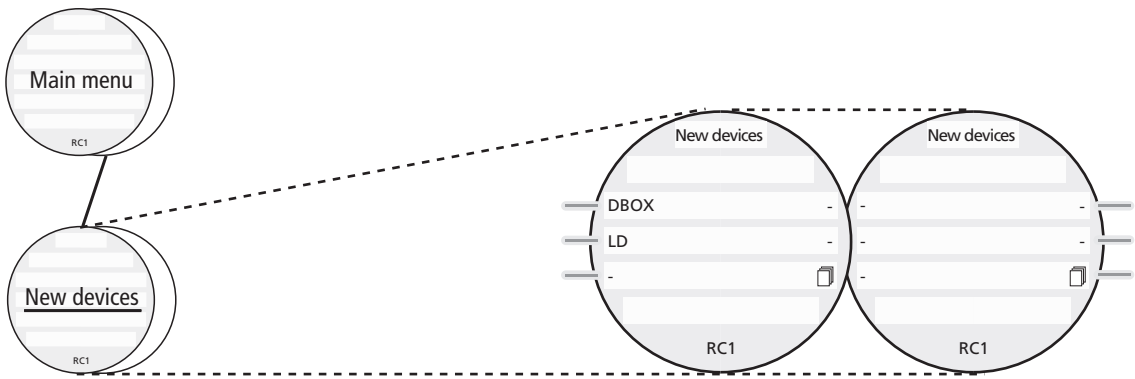
Overview

scroll with:

select with:
New devices

scroll with:

back with:

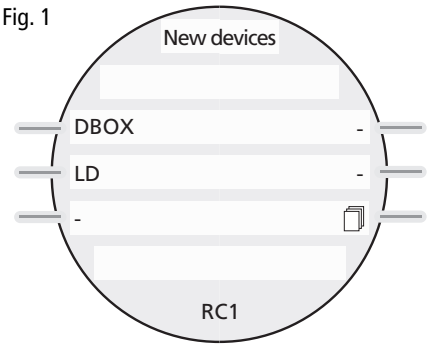


Functions

DBOX
Pre-programmed device position for your D-BOX.

LD
If you have done everything right in the previous chapter you should be able to see and select your newly programmed device at this point.
(→ Standard menu)

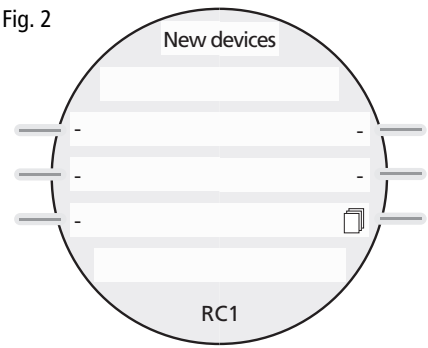
Fig. 1



Scroll...
Turns over to the next page.
(→ New devices (operate), Fig. 2)

-
There is room for further devices on the second page of the menu. Altogether you can operate nine auxiliary devices with the menus of the RC1. The illustrated line stands for a free device position.

Fig. 2



Scroll...
Turns back to the previous page.
(→ New devices (operate), Fig. 1)

Standard menu

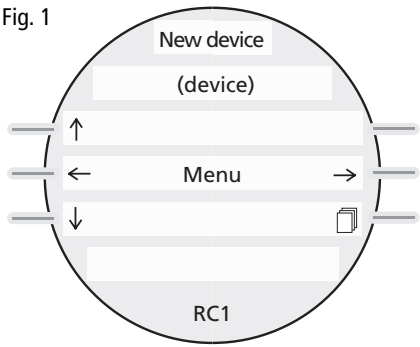
The menu for operating new devices always has the same structure. By adding a new device, only the associated infrared commands change. Both the menu select buttons and the direct function buttons of the RC1 may have very different functions depending on the device type.

Arrow (up)
Menu Navigation up.

Arrow (left)
Menu Navigation left.

Arrow (down)
Menu Navigation down.

Fig. 1



Arrow (right)
Menu Navigation right.

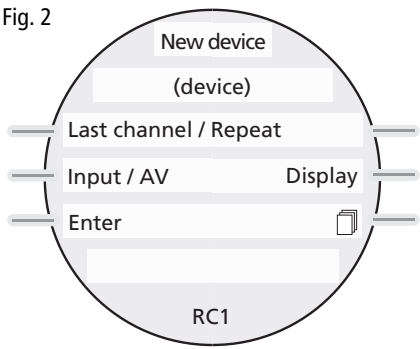
Scroll...
Turns over to the second page.
(→ Standard menu, Fig. 2)

Last Channel / Repeat
Changes to the previously set station or executes a repeat function.
(↗ Device)

Input / AV
Switches between different reception sources.

Enter
Executes the "Enter" function or confirms a setting that has been made.

Fig. 2



Display
Executes the display function.
(↗ D-BOX)

Scroll...
Returns to the first page.
(→ Standard menu, Fig. 1)

What to do when...

the devices do not react:

Certos
The Loewe Audio/Video system Certos builds up a bidirectional infrared line to the RC1. The devices communicate. If this line is interrupted, the RC1 reports "no system connection".

1. Hold the infrared eye of the remote control towards Certos and check whether objects are obstructing the infrared line.
2. Reduce the distance away from Certos and make sure the device is switched on.
3. Make sure that no direct sunlight or very bright room light shines on the Certos.
4. Make sure the same device is active on both the Certos and the display of the RC1.
5. Change the batteries of your remote control. Pay attention to the polarity. Old and used batteries may often only supply power for a brief time.

Loewe device
1. Hold the infrared eye of the remote control towards Certos and check whether objects are obstructing the infrared line.
2. Reduce the distance away from Certos and make sure the device is switched on.
3. Make sure that no direct sunlight or very bright room light shines on the Certos.

Newly taught in device
Devices which are made operable by the database of the RC1 pose a particular problem because every device has different potential properties. For troubleshooting we have to assume that the device to be operated works trouble-free.

1. First follow steps 1-3 under "Loewe device"
2. Exit the "New devices (add)" menu as soon as you have saved the new device. New devices can be called and operated on the second page of the main menu but not under "Adjust".
3. Check whether you have entered the right device type in the assignment by database. The device types are at the beginning of the code list.
4. Most companies use different infrared codes for different devices of the same type. If the first code does not operate your device, try the next one in the list.
5. Search for the right infrared code under "Try codes" in the chapter "New devices (add)".

Home Automation
1. Enter the new code number of the transmitting mode under "Configuration/User/Home Automation".
2. Check the fuse of the actuators. In most cases a spare fuse is available.

The display does not work properly:

Tilt switch
The integrated tilt switch may get stuck particularly after falling onto hard surfaces. Before taking appropriate action, check carefully whether there might be some other cause.

1. Pick up the RC1 and press one of the menu select buttons to activate the display by pressing a button.
2. Remove the batteries and insert new ones. Make sure they are the right way round. (Wait a few seconds for the internal memories of the RC1 to be deleted before inserting the batteries.)
3. Hold the RC1 to your ear and shake it lightly. You should be able to hear the tilt switch rattle quietly. If this is not the case, hold the RC1 on end and knock it lightly against the palm of your hand in vertical direction. Gradually turn the device in the process.

Display interval
The display of the RC1 switches off again every time a button is pressed to save energy. The switching time can be changed by "Adjust/RC1 display/Active time".

Viewing angle/Contrast
LCD displays have a relatively restricted viewing angle. However, you can set this angle so that it suits your habits. See "Adjust/RC1 display/Contrast" to find out how this works.

Technical Data

Mechanical Data:

Diameter (external)		141 mm
Standing height		50 mm
Overall height		39 mm
Diameter (display)		59 mm
Tilt angle		13 degrees
Weight		361 g
Weight incl. batteries		434 g

Display:

Number of lines		6
Contrast		> 7:1
Total number of pixels	vertical	65
	horizontal	150

Infrared:

Opening angle	90 degrees
Vertical signal outlet	-13 degrees
Range	> 10 m

Electrical Data:

Standby	< 0.01 mA
At maximum load	1.1 A
With display active	0.5 mA
With lighting active	20 mA

Life of batteries:
The batteries should be replaced once a year to prevent leakage. Their life depends on how often the device is used and on the device setting.

Operating conditions

Room temperature	0 °C to 55 °C
Relative humidity	max. 80%

The RC1 receives current data from the Certos Master Unit every 4 seconds.

The values of the daylight sensor are prompted again every time the display is changed.

Radio transmitter:

Frequency	433,42 MHz, ASK
Range	max. 100 m (free field)

Printed in Germany
1/04.02/0,6
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Refer to Contents and Index

Code list (Europe/USA)

Device type

Cable	1	Laser disc	5	CD	9
Video accessories	2	DVD	6	Reserved	11-31
Satellite/DSS	3	Tuner/Amplifier	7		
VCR	4	Amplifier/diff. audio	8		

VCR (Type 4)

Adelsound	0004
Admiral	0048 0209
Adventura	0000
Adyson	0072
Aiko	0278
Aiwa	0307 0000 0041 0209 0348 0352 0037 0687
Akai	0106 0315 0053 0041 0352 0240
Akiba	0072
Akitan	0295
Akura	0271 0072 0041
Alba	0278 0072 0333 0334 0209 0352 0295 0000 0315 0348 0081 0293
Allorgan	0240
Allstar	0081
America Action	0278
American High	0035
Amstrad	0000 0325 0332 0278 0072
Anam	0037 0162 0226 0240 0278
Anitech	0072
Ansonic	0004
Aristona	0081
ASA	0037 0081
Asha	0240
Asuka	0072 0037 0081 0000 0038
Audiosonic	0278
Audiovox	0037
AVP	0352
AWA	0037 0278 0043
Baird	0106 0278 0104 0107 0041 0000
Bang & Olufsen	0499
Basic Line	0278 0209 0072
Beaumark	0240
Bell & Howell	0104
Bestar	0278
Black Panther	0278
Blaupunkt	0226 0081 0154 0227 0162 0006 0195 0034
Blue Sky	0037 0209 0348 0072 0352 0278
Bondstec	0072
Bosch	0154
Brandt	0041 0187 0297 0320 0321 0493
Brandt Electronique	0041
Brinkmann	0209 0348
Broksonic	0121 0348 0002 0479 0184 0209 0295
Bush	0072 0278 0315 0333 0334 0209 0352 0293 0000 0348 0081
Calix	0037
Canon	0035
Carena	0209 0081
Carrefour	0045
Carver	0081 0146
Casio	0000
Cathay	0278
CCE	0072 0278
CGE	0041 0000
Cimline	0072 0209
Cineral	0278
Citizen	0037 0278
Clatronic	0072
Colt	0072
Combitech	0352
Condor	0278
Craig	0037 0271 0047 0072 0240
Crown	0278 0072 0271
Curtis Mathes	0035 0041 0060 0162
Cybernex	0240
Cyrus	0081
Daewoo	0278 0045 0209 0352 0046 0637 0642
Dansai	0072 0278
Daytron	0278
de Graaf	0042 0166 0081 0104 0048 0046
Decca	0000 0041 0081 0008 0067 0348 0209
Deitron	0278
Denko	0072
Denon	0042
Diamant	0037
Domland	0209
Dual	0041 0081 0278 0000
Dumont	0000 0081 0104
Dynatech	0000
Elbe	0278 0038
Elcatech	0072
Electrohome	0037
Electrophonic	0037
Elin	0240
Elsay	0072
Elta	0072 0278
Emerex	0032
Emerson	0072 0479 0045 0000 0002 0037 0088 0043 0121 0184 0208 0209 0278 0295
ESC	0278 0240
Etzuko	0072

Ferguson	0107 0041 0320 0321 0053 0493 0000 0278
Fidelity	0000 0072 0325 0240 0352
Finlandia	0104 0081 0042 0166 0000 0048 0384 0007
Finlux	0000 0081 0104 0042
Firstline	0072 0209 0348 0043 0037 0045 0042 0088 0293 0278
Fisher	0047 0104 0054 0046 0038
Flint	0209
Frontech	0072
Fuji	0033 0035
Fujitsu	0000
Funai	0000
Galaxi	0000
Galaxis	0278
Garrard	0000
GE	0035 0048 0060 0240
GEC	0081
General Technic	0348
Genexxa	0104
Go Video	0432
Goldhand	0072
GoldStar	0037 0000 0225 0038
Goodmans	0000 0072 0240 0278 0062 0037 0343 0081 0348 0209 0293 0637 0352 0642
Gradiente	0000 0008
Graetz	0041 0104 0240
Granada	0104 0046 0048 0081 0006 0240 0037 0226 0042 0000
Grandin	0072 0037 0000 0278 0209
Grundig	0007 0195 0081 0226 0006 0320 0348 0293 0072
Hanimex	0295 0352
Hanseatic	0037 0209 0278 0081 0038
Harley Davidson	0000
Harman/Kardon	0038 0146 0081
Harwood	0072
HCM	0072 0293
Headquarter	0046
HI-Q	0047
Hinari	0004 0072 0293 0208 0209 0352 0041 0088 0343 0278 0240
Hisawa	0209 0352
Hischito	0045
Hitachi	0042 0166 0041 0000 0240 0081 0004 0104 0544 0384
Hornyphone	0081
Hughes Network Syst	0042
Hypson	0072 0209 0278 0352
Imperial	0000 0240
Ingersoll	0004 0209 0240
Inno Hit	0240 0278 0072
Interbuy	0037 0072
Interfunk	0081 0104
Internal	0278 0637
International	0278 0037
Intervision	0000 0278 0037 0209 0348
Irradio	0072 0037 0081
ITT	0106 0041 0046 0384 0104 0240
ITT Nokia	0048
ITV	0278 0037
Jensen	0041
JMB	0209 0352
JVC	0041 0067 0008 0384
Kaisui	0072
Karcher	0278
KEC	0037 0278
Kendo	0106 0209 0315 0053 0348 0072 0037
Kenwood	0041 0038 0046 0067 0384
Kimari	0047
KLH	0072
Kneissel	0352 0209 0348 0037
Kodak	0035 0037
Korpel	0072
Kuba	0047
Kuba Electronic	0047
Kuwa	0226
Kyoto	0072
Lenco	0278
Leyco	0072 0088
LG	0037 0225 0000 0278
Lifetec	0209 0348
Lloyd's	0000 0208
Loewe	0081 0006 0037 0004 1062 1162 1262 0162 0454
Logik	0004 0240 0072 0106 0209
Lumatron	0278
Luxor	0106 0046 0043 0072 0062 0104 0047 0048
LXI	0037
Magnasonic	0278
Magnavox	0081 0000 0035 0039
Magnin	0240
Manesth	0072 0045 0081 0209
Marantz	0081 0038 0006 0062 0295 0209 0146 0035
Mark	0278
Marta	0037
Matsui	0209 0004 0295 0348 0037 0208 0088 0240 0352 0332 0000
Matsushita	0227 0035 0162 0454
Mediator	0081
Medion	0209 0348 0352
MEI	0035
Melectronic	0000 0037 0038
Memorex	0104 0162 0000 0046 0037 0307 0048 0348 0047 0454 0035 0479 0039 1037 0209 1162 0240 1262
Memphis	0072
Metz	0195 0081 1062 1162 1262 0162 0454 0226 0227 0006 0037
MGA	0043 0240
MGN Technology	0240
Micormay	0348
Micromaxx	0209
Migros	0000
Minerva	0195 0006
Minolta	0042
Mitsubishi	0043 0067 0081 0173 0608 0048
Motorola	0035 0048
MTC	0240 0000
Multitec	0037
Multitech	0000 0072 0104
Murphy	0000
Myryad	0081
NAD	0104
NAP	0039
National	0226 0162
NEC	0041 0038 0067 0104 0037
Neckermann	0041 0208 0006 0081
Nesco	0072 0000 0352
Neufunk	0209
Nikkai	0072 0278
Nikko	0037

Nikon	0034
Noblex	0240
Nokia	0104 0106 0315 0041 0278 0046 0240 0048 0042 0081
Nordmende	0041 0297 0384 0320 0321 0187 0494 0528 0067 0493
Oceanic	0000 0048 0106 0081 0104 0041 0046
Okano	0315 0209 0348 0072 0278
Olympus	0035 0226
Optimus	0037 0048 0104 1048 0162 1062 0432 1162 0454 1262
Optonica	0062
Orbit	0072
Orion	0209 0479 0004 0088 0208 0295 0352 0343 0121 0348 0333 0334 0002 0184
Orson	0000
Osaki	0000 0037 0072
Osume	0293 0072
Otake	0333 0334 0209
Otto Versand	0081
Palladium	0072 0315 0037 0041 0006 0209 0004 0240
Palsonic	0072 0000
Panasonic	1062 1162 1262 1362 0162 0616 0454 0226 0227 0225 0035
Pathe Cinema	0004 0043
Pathe Marconi	0041
Penney	0035 0037 0038 0042 0054 0240
Pentax	0042
Perdio	0000 0209
Philco	0038 0072 0035 0479 0209
Philips	0081 0618 0006 0146 0062 0384 0035
Phonola	0081
Pilot	0037
Pioneer	0067 0081 0042
Portland	0278 0637
Prinz	0000 0088
Profitronic	0081 0240
Proline	0000 0293 0320 0321
Proscan	0060
Prosco	0278
Prosonic	0209 0278 0000
Protech	0072 0081
Provision	0278
Pulsar	0039
Pye	0081
Quarter	0046
Quartz	0046
Quasar	0035 0278 1162 0162 0454
Quelle	0006 0208 0081
Radialva	0037 0072 0081 0048
Radiola	0081
RadioShack	0000
Radix	0037
Randex	0037
Rank	0041
RCA	0035 0106 0042 0048 0060 0240
Realistic	0000 0035 0037 0046 0047 0048 0062 0104
Rex	0041 0384
RFT	0072
Ricoh	0034
Roadstar	0240 0072 0037 0278
Royal	0072
Runco	0039
Saba	0041 0187 0297 0320 0321 0384 0494 0062 0580 0278
Saisho	0004 0209 0208 0088 0348
Salora	0046 0043 0106 0104
Samsung	0240 0432 0045 0053
Sanky	0039 0048
Sansei	0048
Sansui	0041 0479 0067 0271 0106 0072 0000 0348 0209
Sanwa	0004
Sanyo	0104 0046 0047 0048 0240 0067
Saville	0352 0278 0240
SBR	0081 0146
Scan Sonic	0240
Schaub Lorenz	0041 0104 0000 0106 0315
Schneider	0072 0000 0037 0081 0278 0240 0146 0042
Scott	0043 0045 0121 0184
Sears	0000 0035 0037 0042 0046 0047 0054 0104
Seaway	0278
SEG	0072 0240 0278 0642 0081
SEI	0004 0081
Sei-Sinudyne	0004 0081
Seleco	0041 0008 0384 0037
Semivox	0045 0209
Semp	0045
Sentra	0072 0293
Setron	0072
Sharp	0048 0062 0037
Shintom	0072 0104
Shivaki	0037
Shogun	0240
Shorai	0088 0004
Siemens	0195 0006 0037 0104 0007 0081 0146 0054 0320
Siera	0081
Silva	0037
Silver	0278
Singer	0271 0045 0072
Sinudyne	0004 0081 0209
Smaragd	0348
Sonitron	0047
Sonneclair	0072
Sonoko	0278
Sonolor	0048 0046 0062
Sontec	0037 0278
Sony	0033 0034 0032 0011 0106 1032 0000 0035
Soundwave	0037 0209
Ssangyong	0072
Standard	0278
Starlite	0037 0104
Stern	0278
Strong	0271
STS	0042
Sunkai	0209 0295 0348 0278
Sunstar	0000
Suntronic	0000
Sunwood	0072
Supra	0037 0240
Sylvania	0000 0035 0043 0081
Symphonic	0000 0072
Taisho	0004 0209 0088
Tandberg	0278
Tandy	0000 0104
Tashiko	0000 0048 0240 0081 0037
Tatung	0000 0041 0081 0053 0048 0043 0209 0348 0352
Teac	0041 0072 0000 0278 0642 0037 0081 0307
TEC	0278 0072

Tech Line	0072
Technics	0035 0162
TechniSat	0348 0209
Teknika	0000 0035 0037
Teleavia	0041 0187 0493
Telefunken	0187 0041 0297 0320 0321 0384 0493 0494 0278 0580
Teletech	0072 0278 0000
Tenosal	0072
Tensai	0000 0037 0072 0004
Tevion	0348 0209
Thomas	0000
Thomson	0041 0384 0320 0321 0493 0494 0528 0278 0067
Thorn	0041 0104 0037
Thorn-Ferguson	0107 0320
Tivo	0618
TMK	0208 0240
Tokai	0072 0037 0041 0104
Tokiwa	0072
Topline	0348
Toshiba	0045 0041 0384 0043 0081
Totevision	0037 0240
Towada	0072
Triumph	0208
Uher	0037 0240
Ultravox	0278
Unitech	0240
United Quick Star	0278
Universum	0000 0325 0081 0240 0037 0106 0348 0195 0006 0209 0104
Vector	0045
Vector Research	0038
Victor	0008 0067 0041 0384
Video Concepts	0045
Videosonic	0240
Wards	0000 0035 0042 0047 0048 0060 0062 0072 0081 0240
Watson	0081 0352
Weltblick	0037
White Westinghouse	0072 0209 0278
XR-1000	0000 0035 0072
Yamaha	0038 0041
Yamishi	0072 0278
Yokan	0072
Yoko	0037 0072 0240
Zenith	0000 0479 0033 0637 0034 0039 0209
ZX	0209

SAT (Type 3)

Absat	0832 0668
AGS	0668 0710
Akai	0200
Akena	0668
Alba	0455 0713
Allsat	0200
Alltech	0713
Alpha	0668 0200
AlphaStar	0772
Amitronica	0713
Ampere	0132
Amstrad	0847 0243 0713 0742 0132 0863 0795
Anglo	0713
Ankaro	0713
Arcon	0132
Armstrong	0243 0200
Asat	0200
ASLF	0713
AssCom	0853
Astacom	0668 0710
Astra	0243 0607
Astro	0173 0607 0658
Athena	0668
Austar	0863 0642 0283 0497 0879
Axiel	0668
Beko	0455
Bestar	0243
Blaupunkt	0173
Blue Sky	0713
Boca	0243 0713 0132
Boston	0132 0710
Broco	0713
BskyB	0847
BT	0668 0710
Bubu Sat	0713
Canal Satellite	0853
CityCom	0818 0115 0607
Colombia	0132 0668
Columbus	0668
Condor	0607
Conrad	0607 0573 0115
Conrad Electronic	0607 0713
Crown	0243
Cryptovision	0455
Cyrus	0200
D-box	0723 1127 1114 0873
Daewoo	0713
Delfa	0863
DigiQuest	0863
Discovery	0668 0710
Diseqc	0710
Distrisat	0200
DNT	0200
Dynasat	0679
Echostar	0775 1005 0312 0668 0713 0871 0853 0511 0167 1086
Einhell	0243 0713 0132
Elap	0713
Elta	0200
Emme Esse	0679 0871
Engel	0713
EP Sat	0455
Eurocrypt	0455
Europa	0200 0863 0607
Eurosat	0243
Eurosky	0243 0607 0132 0115
Eurostar	0607 1026 0679 1025
Expressvu	0775
Fenner	0668
Ferguson	0455 0711
Finlandia	0455
Finlux	0455 0573
Flair Mate	0713
Foxtel	0879 0720 0497 0455 0795
Fracarro	0668 0871
FTEmaximal	0713 0863
Fuba	0173 0573
Galaxis	0115 0863 0283 0853
Gardiner	0818
General Instruments	0869
GMI	0243
Goldbox	0853

Gooding	0571
Goodmans	0455
Granada	0455
Grundig	0173 0847 0571 0879 0853
Heliocom	0607
Helium	0607
Hirschmann	0173 0573 0710 1085
Hitachi	0455 0819
HNE	0742
Houston	0668
HTS	0775
Hughes Network Syst	0749
Humax	0863 0283
Huth	0607 0243 0132
International	0132
Intertronic	0243
Intervision	0628 0607
Invideo	0871
Italtel	0871
ITT Nokia	0573 0455 0873 0723
JOK	0710
JVC	0775 0571
K-SAT	0713
Kamm	0713
Kathrein	0173 0200 0622 0658 0713 0668 0818 0742
Kiton	0114
Klap	0668 0710
Konig	0607
Kreiselmeyer	0173
LaSAT	0607 0243 0115 0132
Lenco	0713 0115 0607
Lexus	0200
Lifesat	0713
Loewe	0243
Lorenzen	0607 0742 0132
Luxor	0573 0873
Magnavox	0724
Manata	0710 0668 0713
Manhattan	0455 0710 0668
Marantz	0200
Maspro	0713 0173 0571
Matsui	0571 0710 0173
Max	0607
Mediabox	0853
Mediamarkt	0243
MediaSat	0853
Medion	0713
Medison	0713
Mega	0200
Melectronic	0818
Memorex	0724
Metronic	0713 0243 0818
Metz	0173
Micro	0607 0713
Micro electronic	0713
Micro Technology	0713
Microtec	0713
Minerva	0571
Mitsubishi	0455
Morgan's	0243 0200 0713 0132
Multichoice	0642 0879
Myryad	0200
Mysat	0713
Netsat	0887
Neuhaus	0713 0607
Neusat	0713
Next Level	0869
Nikko	0243 0713 0723 0200
Nokia	0723 0573 0873 0455 0751 1023 0853 1127
Nordmende	0455
Nova	0879
Okano	0243 0668
OnDigital	0133 0241 0751 0329
Optus	0879
Orbit	1022
Origo	0497
Oxford	0668
Pace	0455 0887 0847 0795 0241 0720 0497 0200 0853
Packsat	0710
Palladium	0243 0571
Panasat	0879 0615
Panasonic	0455 0847 0701
Panda	0455 0607 0173
Patriot	0668
Philips	0200 1114 0455 0710 0668 0853 0571 0173 0133 0818 0724
Phonotrend	0863
Pioneer	0329 0853
Planet	0871
Praxis	0511
Preisner	0243 0132
Premiere	0853 0873
Profile	0668 0710
Promax	0455
Prosat	0628
Prosonic	0742
Pye	0571
Quadral	0628 0668 0710
Quelle	0607 0742 0115
Radiola	0200
RCA	0143 0566 0392 0855
RFT	0200
Roadstar	0713
Rover	0628 0713
Saba	0710 0115 0607
Sabre	0455
Sagem	0820 1114
Samsung	0853
Sat Team	0713
Satcom	0607
Satec	0713
Satline	0628
Schneider	0710 0668
Schwaiger	0607
SCS	0115
Seemann	0243
SEG	0742 0114
Seleco	0871
Siemens	0173
Skantin	0713
SKR	0713
Sky	0847 0856 0887 1014
Skymaster	0628 0713 1085
Skymax	0200
SkySat	0713
SL	0132 0742 0243
SM Electronic	0713
Smart	0132
Sony	0847 0455 0639 0853
Star Choice	0869
Starland	0713
Strong	0879 0853
Sumida	0243
Sunsat	0713
Sunstar	0243 0132
Super Sat	0679
Tantec	0455
Tatung	0455
TechniSat	0200 1099
Technowelt	0607

Teco	0243
Telasat	0115 0607
Telecom	0713
Telefunken	0710
Teleka	0243 0607
Telesat	0607
Telestar	1099
Teletech	0114
Televes	0132 0455
Televisa	0887
Thomson	0455 0713 0853 0115 0607 0820 0668 0710 1046
Thorn	0455
Tioko	0243
Tokai	0200
Tonna	0455 0668 0713
Toshiba	0749 0455 0790
TPS	0820
Triax	0115 0200 0713 0853
UEC	0879
Uniden	0724
Unisat	0243 0200
Universum	0173 0571 0607 0115 0742
Variosat	0173
Ventana	0200
Vestel	0742
Videocrypt	0711 1014
Visiosat	0710 0713
Vtech	0818
Wela	0713 0132
Wewa	0455
Wibo	0243
Wisi	0173 0455 0607
Worldsat	0668 0710 0114
XCOM	0832 0668
Xsat	0832 0668 0713
Zehnder	0818 0742 0114 0115
Zenith	0856
Zeta Technology	0200
Zwergnase	0243

Cable tuners (Type 1)

ABC	0003 0237 0008 0013
Alcatel	0896 0897
Americast	0899
Antronix	0022
Archer	0022
Austar	0276
BT	0716 0003
Cabletenna	0022
Cabletime	0271 0377 0448 0665
Cableview	0022
Canal Plus	0443
Comcrypt	0443
Comtec	0019
Contec	0019
Daeryung	0008
Decsat	0423
Eastern	0002
Filmnet	0443
France Telecom	0451 0817 0896 0897
Galaxi	0008
General Instruments	0276 0476 0810
GoldStar	0144
HyperVision	0619
Jerrold	0003 0810 0276 0019 0476
Kabelvision	0003
Macab	0817
Memorex	0000
Mnet	0443 0019
Mr Zap	1112
Mr Zapp	0817
NTL Cabletell	0276
Oak	0019
Optus	0276
Pace	1068 1060
Panasonic	0107 0000
Paragon	0000
Philips	0619 0451 0817 0286
Pioneer	0144 0877 0533
Pulsar	0000
PVP Stereo Visual	0003
Quasar	0000
Regency	0002
Runco	0000
Sagem	0817
Samsung	0144
Scientific Atlanta	0008 0237 0877 0277 0477
Starcom	0003
Tele+1	0443
Teledanmark	0619
Telepiu	0443
Tocom	0013
Toshiba	0000
Tudi	0286 0619
Unika	0022
United Cable	0003
Universal	0022
US Electronics	0276
Videotron	0250
Videoway	0250
Visionetics	1064
Visiopass	0451 0817
Westminster	0716
Zenith	0000 0899 0525

VIDAC (Typ 2)

Magnavox	0818
Philips	0818
Sony	0850

CD (Typ 9)

Acoustic Research	0420
Aiwa	0157 0124
Alto	0625
Arcam	0157
Ariston	0625
Audio Pro	0437
Audio Research	0157
Audiolab	0157
Audiomeca	0157
Audioton	0157
BAT	0157
Burmester	0420
Cairn	0157
California Audio Lab	0029 0303
Cambridge	0625
Cambridge Audio	0625 0437 0157
Carver	0157 0179 0437
CDC	0420
CEC	0420
Cyrus	0157
Denon	0034 0003 0873
DKK	0000
Dynamic Bass	0179
Eclipse	0625
Elektra	0393 0437
Emerson	0305
Fidelity	0625
Fisher	0179
Garrard	0420 0393
Gemini	0625
Genexxa	0000 0037 0179 0420 0437 0032 0305
Goldmund	0157
Goodmans	0305 0625
Grundig	0157
Harman/Kardon	0173 0157
HCM	0625
Hiro	0625
Hitachi	0032
Inkel	0437
JVC	0072 1069
Kenwood	0037 0626 0190 0028 0826 0681 0036
Krell	0157
Lansay	0625
Linn	0157
LXI	0305
Magnavox	0157 0305
Marantz	0157 0180 0626 0029
Matsui	0157
MCS	0029
Memorex	0032 0180 0305
Meridian	0157
Micromega	0157
Mission	0157
MTC	0420 0625
Musical Fidelity	0393
Myryad	0157
NAD	0000
Naim	0157
Nikko	0625
NSM	0157
Onkyo	0101 0868
Optimus	0145 0179 0000 0305 0420 0437 0468 1063 0032 0037
Panasonic	0029 0303
Parasound	0420
Philips	0157 0626
Pink Triangle	0625
Pioneer	0032 0305 0468 0244 1063
Proton	0157
QED	0157
Quad	0157
Quasar	0029
Radiotone	0625
RCA	0179 0305 0764 0053
Realistic	0179 0180 0420
Revox	0157
Roadstar	0461
Roksan	0420
Rotel	0157 0420
Royal	0420
SAE	0157
Sansui	0157 0305 0625
Sanyo	0179
Scott	0305
Sears	0305
Sharp	0037 0180 0861
Sherwood	1067 0180
Siemens	0157
Sony	0000 0185 0490
Soundesign	0145
SuperTech	0625
Synergy	0625
Tandy	0032
Tascam	0420
Teac	0420 0180 0393 0625
Technics	0029 0207 0303 1078
Thomson	0053
Thorens	0157
Thule	0157
Tokai	0420
Universum	0157 0053 0437
Victor	0072
Wards	0157 0053
Yamaha	0036 0187 0888
Yorx	0461

Various (Type 8)

Jerrold	0459 0520
Macab	0460
Radix	0460
Scientific Atlanta	0460
Starcom	0459

Amplifiers (Type 7)

Aiwa	0406
Amstrad	0078
Arcam	0641
Audiolab	0269
BAT	0269
Bush	0269 0421 0847
Carver	0269
Curtis Mathes	0300
Cyrus	0683
Denon	0160 0272
GE	0078
Genexxa	0395
Goldmund	0269
Goodmans	0421
Grundig	0269 0847
JBL	0668 1003
Linn	0269
Magnavox	0269
Marantz	0321 0269
Mark	1003 0269
Meridian	0269
Micromega	0269
Myryad	0269
Naim	0269
Nakamichi	0321
Optimus	0300 0395 0013
Panasonic	0308 0521
Philips	0269 0641
Pioneer	0013 0269 0300
Quad	0269
RCA	0300
Realistic	0395
Revox	0269
Roadstar	0847
Rotel	0793 0726
Sansui	0321
Sherwood	0711
Sony	0220 0689
Soundesign	0078
Teac	0421
Technics	0308 0521
Telefunken	0847
Thorens	0269
Universum	0269
Victor	0331
Wards	0013 0078
Yamaha	0143 0354 0848

Tuners (Type 7)

ADC	0531
Adcom	0616
Aiwa	0121 0189 1405 0405 0158
Akai	0346 0115 0440
Amstrad	0424
Arcam	0642 0189
Audiolab	1189
Bang & Olufsen	0799
Cairn	0189
Cambridge Audio	0189
Capetronic	0531
Carver	0042 0189 0360 1089 1189 0008
Casio	0195
Clarinette	0195
Curtis Mathes	0080
Denon	1160 1104 0004
Emerson	0424
Ferguson	0531
Fisher	0042 0219 0360
Garrard	0424 0440 0463
Genexxa	0177 0186 0440
Goldmund	0189
Goodmans	0322 0440 0346
Grundig	1189 1089 0189 0219
Harman/Kardon	0110 1004 0189 0891 0208
Inkel	0027 0491 0502
JBL	0110
JVC	0074 0464 0531
Kenwood	1027 1313 0042 1569 0027 0313 0314 0077 0186 1570
Koss	0424
Lexicon	1076
Linn	0189
Lloyd's	0195
Magnavox	0189 0195 0391 0531 1089 1189
Marantz	1189 0039 1089 0189 0219 0891
Matsui	0195
MCS	0039 0346
Memorex	0014 0177
Micromega	0189 1189
Mitsubishi	0440
Modulaire	0195
Myryad	0189 1189
NAD	0320
Nakamichi	0097 0347
Okano	0440
Onkyo	0135
Optimus	0177 0186 0042 0219 0440 0531 0670 0738 0801 1023 0080
Panasonic	1518 1308 1309 0309 0518 0763 0039
Penney	0195
Philips	0391 1189 1089 0189 0642 1269 0891 1120
Phonotrend	0502
Pioneer	0630 1023 0014 0080 0150 0289 0531 0186
Proscan	1254
Quasar	0039

RCA	0346 0360 0531 1254 1154 0054
Realistic	0195
Revox	0189 0186
Roadstar	0346
Saba	0531
Saisho	0346
Sansui	0189 1089 0346
Sanyo	0360 0219 0801 0042
Schneider	0531 0110
Scott	0322
Sharp	0186 0262 1086
Sherwood	0502 0491
Sony	1058 1158 1258 0158 0415 1042 1057
Soundesign	0670
Soundwave	0322
Sunfire	0313 0314 1313
TaeKwang	0440
Teac	0463 0110
Technics	1518 1308 1309 0309 0518 0763 0208 0039
Telefunken	0531
Thomson	1154 0738 1254
Thorens	0189 1189
Uher	0346 0531
Universum	0195 0440 0054 0189
Victor	0074
Wards	0158 0189 0014 0054 0080 0042
Wharfedale	0440
Yamaha	0176 1176 1276 0082 0186 0712
Yorx	0195
Zenith	0857

Laser disk (Type 5)

Carver	0194 0064
Cyrus	0388
Denon	0059
Grundig	0059
Harman/Kardon	0194
Magnavox	0064 0194
Marantz	0064 0194
Mitsubishi	0059
NAD	0059
Optimus	0059
Panasonic	0204
Philips	0064 0388 0194
Pioneer	0059
Quasar	0204
Radiola	0388
Salora	0064
Sony	0193 0201
Technics	0204
Telefunken	0059
Theta Digital	0194

DVD (Type 6)

3DLAB	0539
Afreey	0698
Aiwa	0641
Akai	0611
Alba	0699
Apex	0672
Bush	0699 0690 0689
cineULTRA	0699
Denon	0490
Denver	0699
Denzel	0665
Diamond	0651
Dual	0665 0651
Elta	0690
Encore	0698
Enzer	0665
Finlux	0591
Fisher	0670
GoldStar	0591
Goodmans	0651
Grundig	0539 0670 0695 0652 0651
Hanseatic	0591
Harman/Kardon	0702
Hitachi	0664 0665 0573
Hiteker	0672
JMB	0695
JVC	0558 0623 0503 0539
Kenwood	0534 0682 0490
Kiss	0665
Konka	0711
Lecson	0696
Lenco	0699
LG	0591
Lifetec	0651
Loewe	0539
Magnavox	0503 0675
Marantz	0539
Matsui	0651 0695
Medion	0651
Metz	0525 0571
Micromedia	0503 0539
Micromega	0539
Mitsubishi	0521
Monyka	0665
Nakamichi	0611
Neufunk	0665
Onkyo	0503
Optimus	0525 0571
Orion	0695
Oritron	0651
Panasonic	0490 0632
Philips	0539 0503
Phonotrend	0699
Pioneer	0525 0571 0632
Proline	0652 0651
Proscan	0522
Raite	0665
RCA	0522
REC	0490 0689
Roadstar	0699 0690 0689
Salora	0591
Sampo	0698
Samsung	0573
Sansui	0695
Sanyo	0670
Schneider	0651

SEG	0665
Shanghai	0672
SM Electronic	0690
Sony	0533 0573
Standard	0651
Teac	0591
Technics	0490
Tensai	0690 0651
Tevion	0651
Theta Digital	0571
Thomson	0551
Tokai	0665
Toshiba	0503
Universum	0591
Wesder	0699
Wharfedale	0696
Yamaha	0490 0545 0539
Yamakawa	0665
Zenith	0503 0591

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